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USER'S GUIDE

CALIBRATED ANCILLARY SYSTEM (CAS)

VOLUME I

- Introduction
- CAS Overview
- User Categories
- Introduction to Operation
- General Operating Procedures

PREPARED BY



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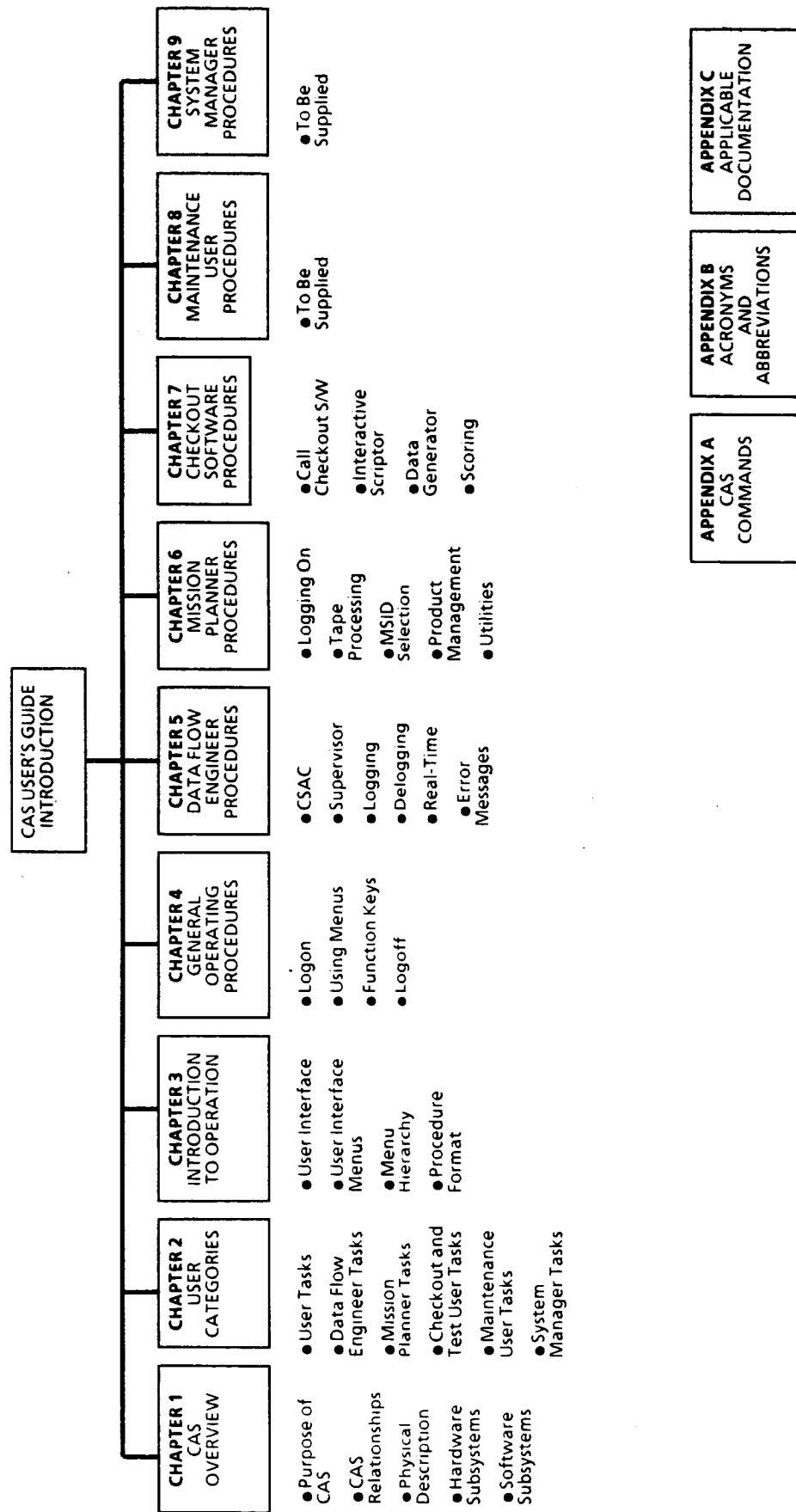
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The user's guide is divided into chapters. Each chapter begins with a title page that contains a set of chapter locators on the right side. The outlined locator shows the relationship of the subject chapter to other chapters within the guide.

The chapters are divided into sections. Each page of a section contains a set of section locators on the outside edge. The outlined locator shows the relationship of the subject section to other sections within the chapter.

Highlighting is used to point out areas of displays and items, such as keys on a keyboard, that are associated with descriptive text. Refer to chapter 3 for a description of other symbology used throughout this guide.

Each page of the users guide (except introduction) is identified by a set of numbers at the bottom of the page. The first number identifies the chapter and is followed by a hyphen. The digits following the hyphen identify the page number of the chapter.

Where possible, illustrations and associated text are contained on the same page or on facing pages. When necessary, illustrations (or sheets of an illustration) are repeated in order to present illustrations and associated text on facing pages.

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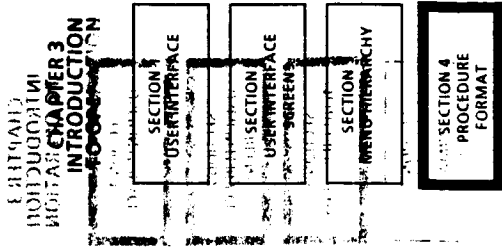
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SECTION 1
PURPOSE OF CALIBRATED ANCILLARY SYSTEM

The Calibrated Ancillary System (CAS) provides real-time calibrated parameters from the orbiter downlink (ancillary data) to the Goddard Space Flight Center (GSFC).

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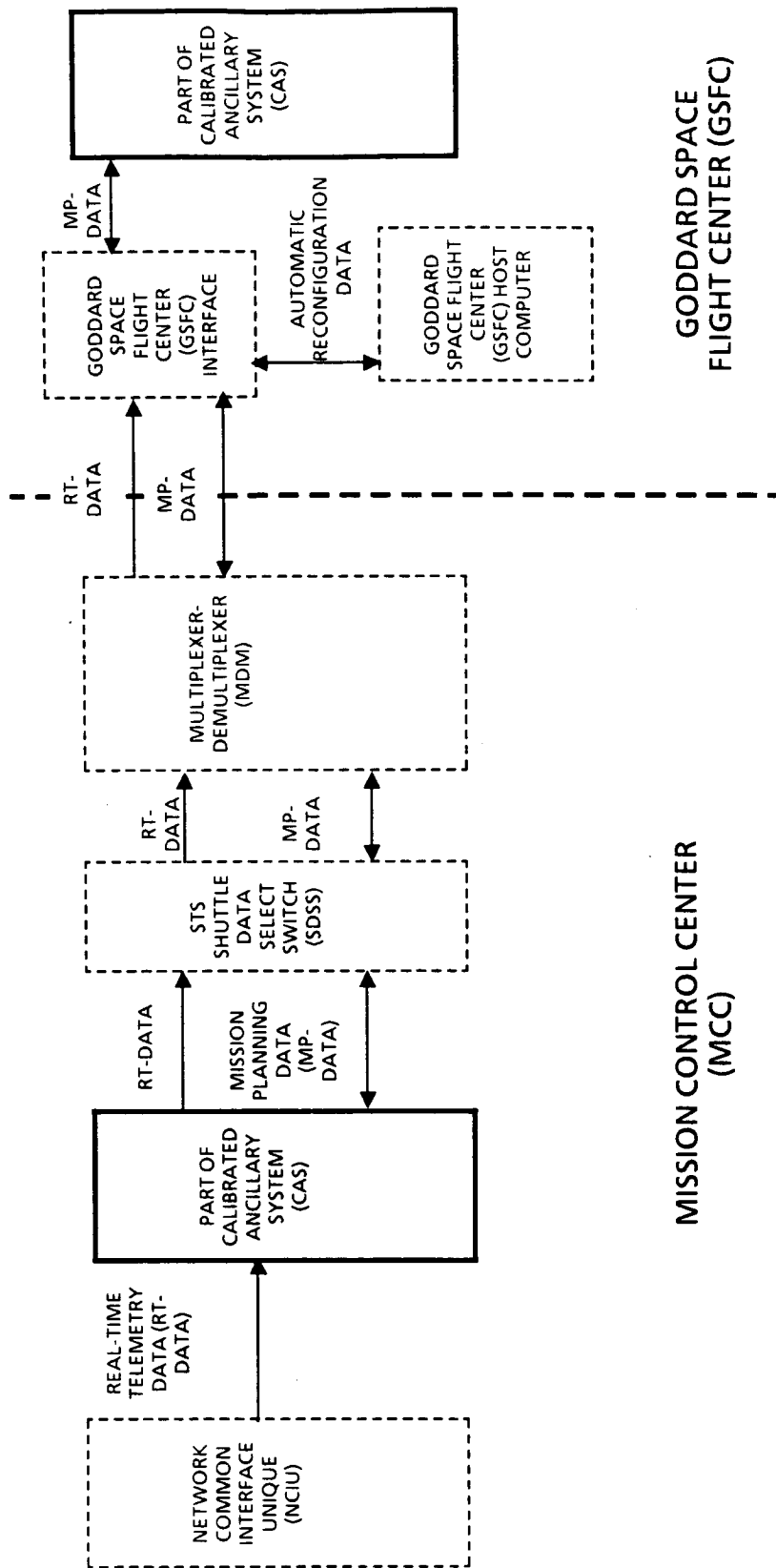


Figure 1-1. CAS External Interfaces

SECTION 2 CAS RELATIONSHIPS

The relation of the CAS to other equipment is shown in figure 1-1. The CAS resides at the MCC (MCC CAS) and the GSFC (GSFC CAS).

The network common interface unique (NCIU) routes real-time telemetry data (RT-DATA) to the MCC CAS.

The MCC CAS reconfigures RT-DATA based on mission planning data (MP- DATA).

- Mission planning changes are made at the MCC CAS and the GSFC CAS.
- Mission planning changes (mission planning data) are transferred between the MCC CAS and the GSFC CAS via the SDSS, MDM, and GSFC interface.
- Data is transferred between the MDM and GSFC interface over the National Aeronautics and Space Administration (NASA) communication network (NASCOM).

Reconfigured RT-DATA is calibrated and routed to the GSFC CAS via the SDSS, MDM, and GSFC interface.

The GSFC makes mission planning changes based on the RT-DATA received.

The GSFC host computer is automatically reconfigured (AUTOMATIC RECONFIGURATION DATA) after mission planning changes are made.

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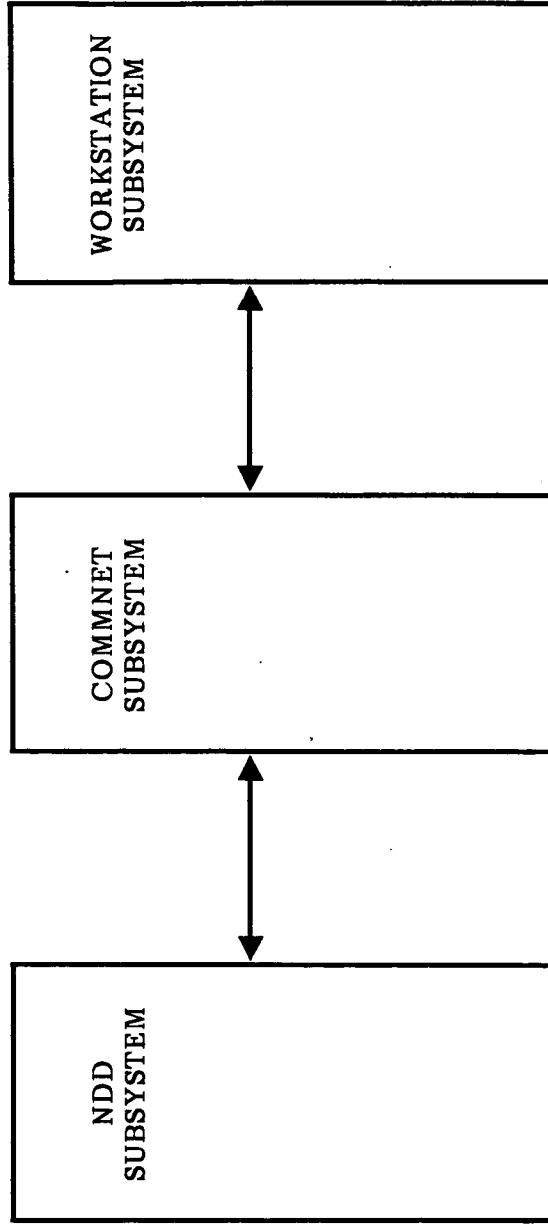


Figure 1-2. CAS Block Diagram

SECTION 3 PHYSICAL DESCRIPTION

The CAS equipment is divided into three subsystems (figure 1-2):

- Network data drivers (NDD) subsystem.
- Communications network (COMMNET) subsystem.
- Workstation subsystem.

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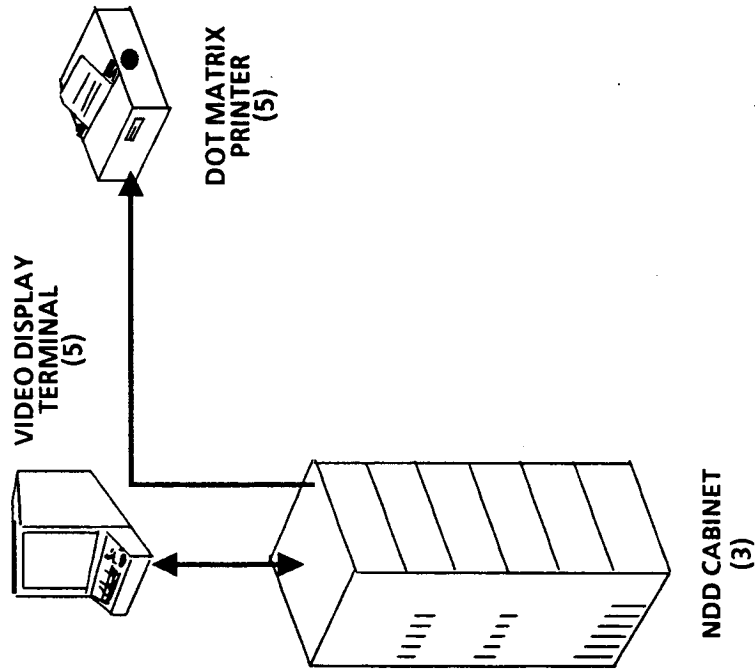


Figure 1-3. NDD Subsystem

SECTION 3 PHYSICAL DESCRIPTION

NDD SUBSYSTEM

The NDD subsystem (figure 1-3) consists of:

- Three NDD cabinets.
- Five video display terminals.
- Five dot matrix printers.

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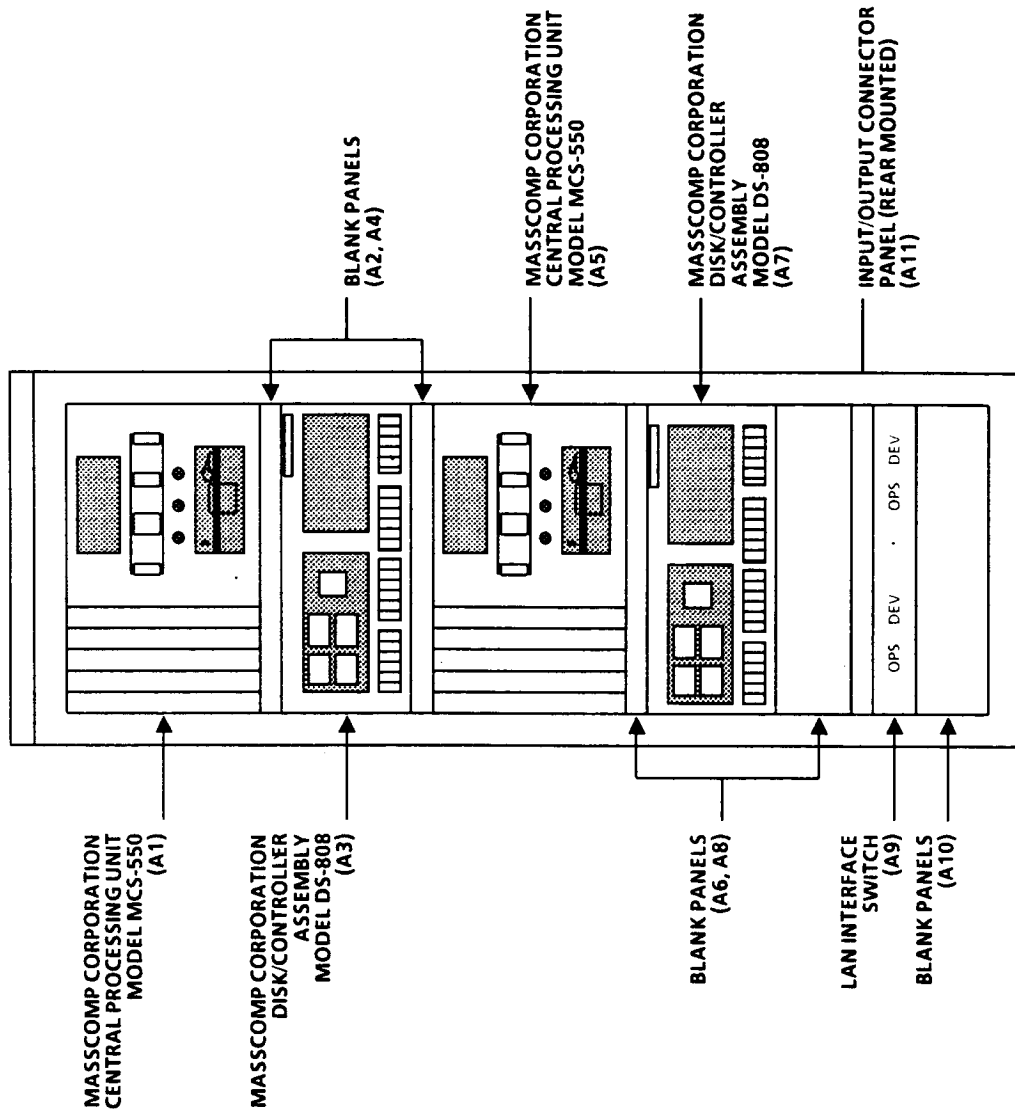


Figure 1-4. Network Data Driver Cabinet Sisd-OA2745

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PHYSICAL DESCRIPTION****NDD SUBSYSTEM (Cont.)**

- The three NDD cabinets contain a total of five NDD. Each NDD consists of:
 - A central processing unit.
 - A disk/controller assembly.
- Two of the NDD cabinets are Network Data Driver Cabinets SISD-OA2745 (figure 1-4). Each cabinet contains:
 - Two MASSCOMP Corporation Central Processing Units Model MCS-550.
 - Two MASSCOMP Corporation Disk/Controller Assemblies Model DS-808.
 - One LAN interface switch panel, containing two Black Box Corporation RS-232 interface switches (one for each NDD in the cabinet.) The LAN interface switches are functionally part of the COMMNET subsystem.

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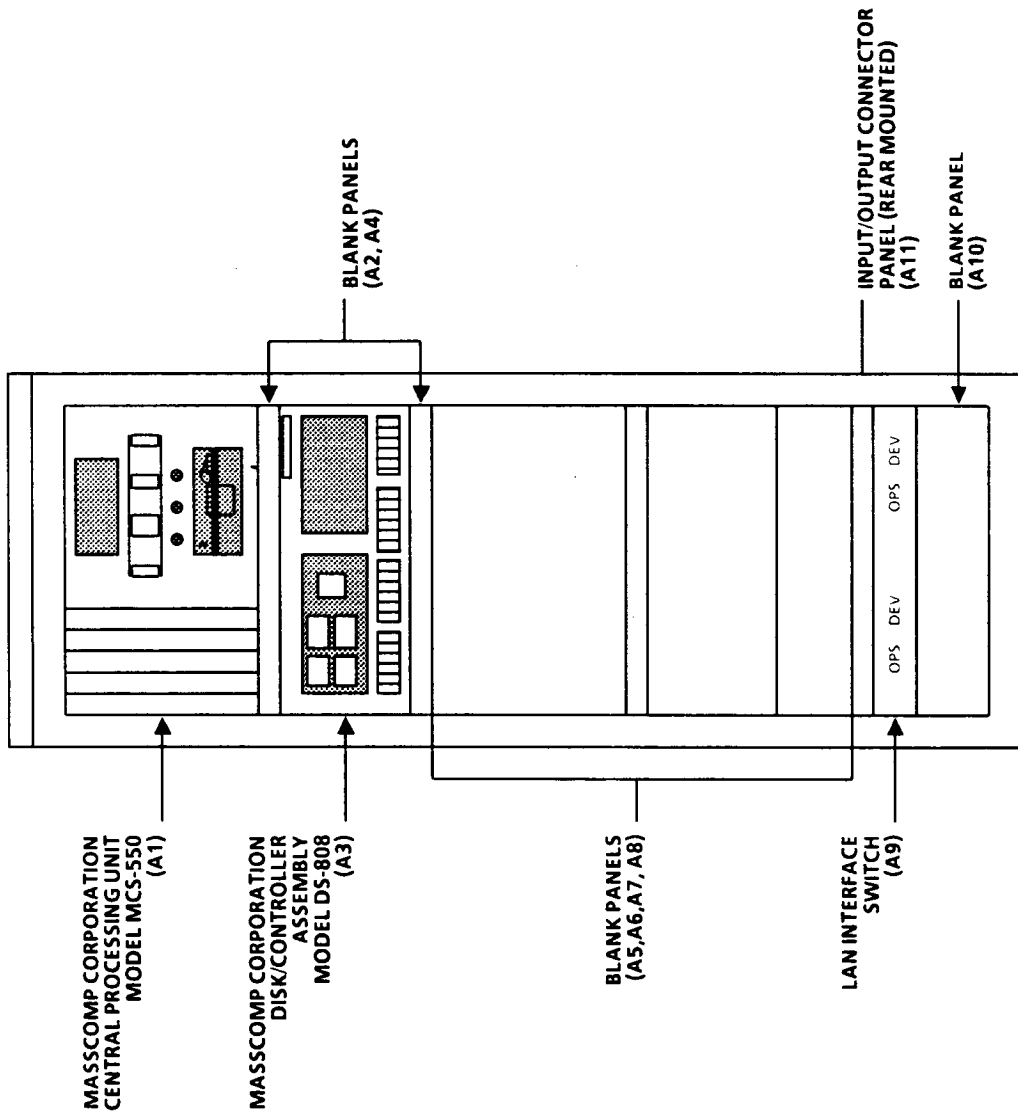


Figure 1-5. Network Data Driver Cabinet SISD-OA2746

SECTION 3 PHYSICAL DESCRIPTION

NDD SUBSYSTEM (Cont.)

- The third NDD cabinet is Network Data Driver Cabinet SISD-OA2746 (figure 1-5), consisting of:
 - One MASSCOMP Corporation Central Processing Unit Model MCS-550.
 - One MASSCOMP Corporation Disk/Controller Assembly Model DS-808.
 - One LAN interface switch panel, containing two Black Box Corporation RS-232 interface switches. Only one LAN interface switch is used for the NDD in the cabinet. The LAN interface switches are functionally part of the COMMNET subsystem.

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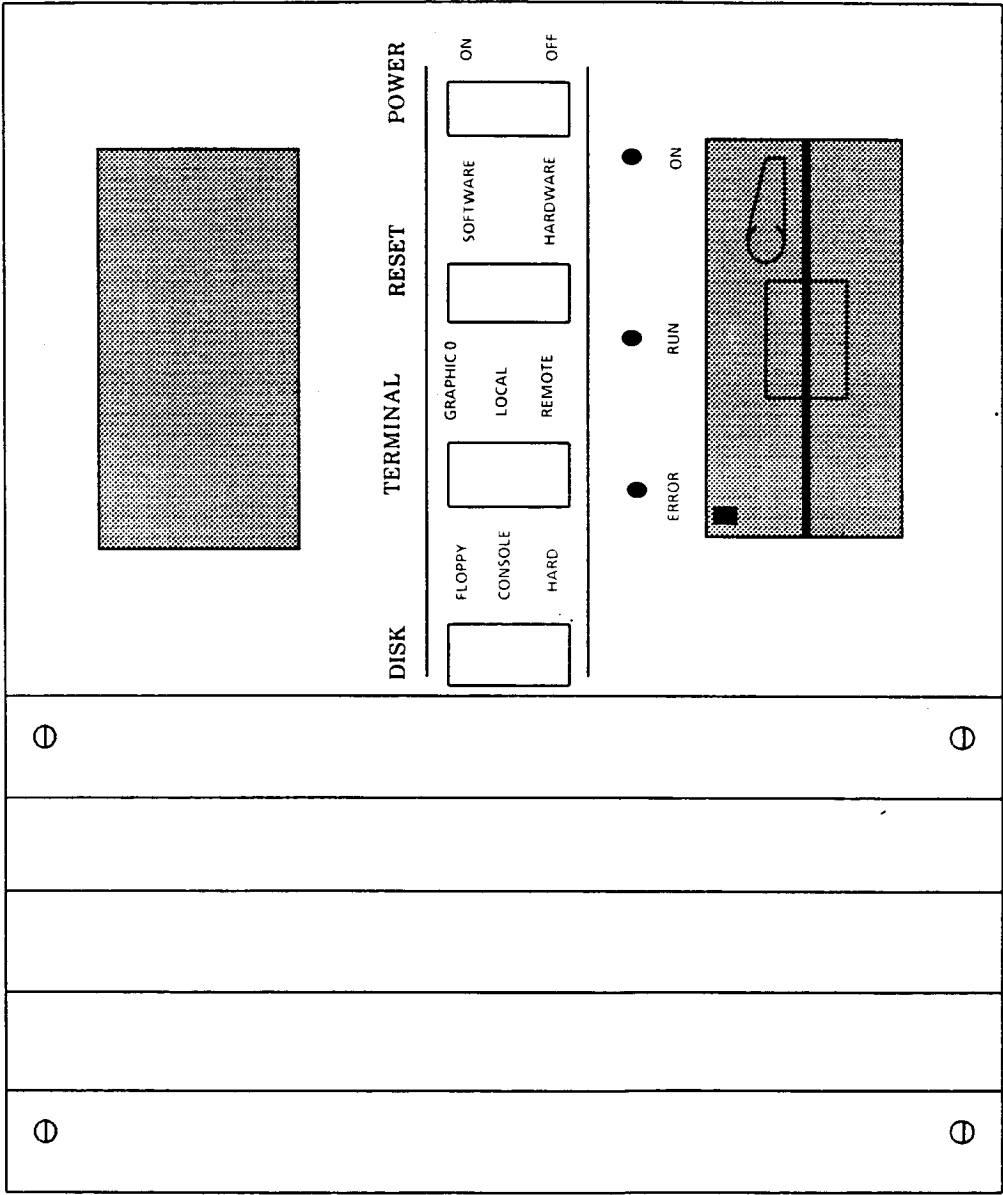


Figure 1-6. MASSCOMP Central Processing Unit

SECTION 3
PHYSICAL DESCRIPTION

NDD SUBSYSTEM (Cont.)

- MASSCOMP central processing unit (CPU).
 - Control panel (figure 1-6) contains controls and indicators for operating CPU.

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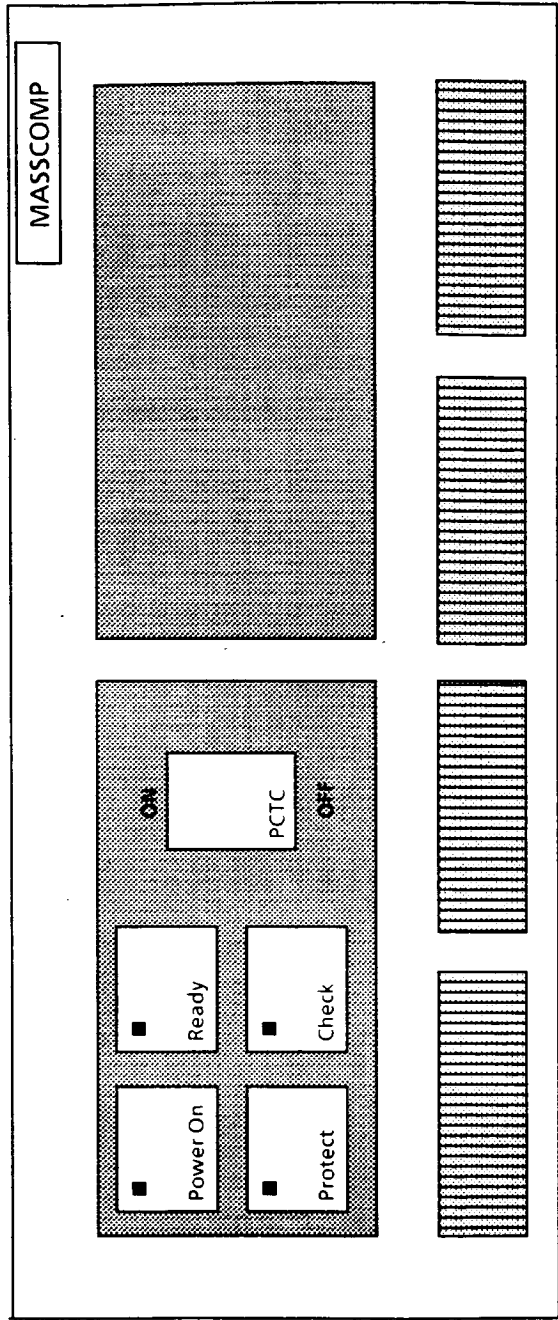


Figure 1-7. MASSCOMP Disk/Controller Assembly (NDD)

SECTION 3 PHYSICAL DESCRIPTION

NDD SUBSYSTEM (Cont.)

- MASSCOMP disk/controller assembly.
 - Control panel (figure 1-7) contains controls and indicators for operating disk/controller assembly.

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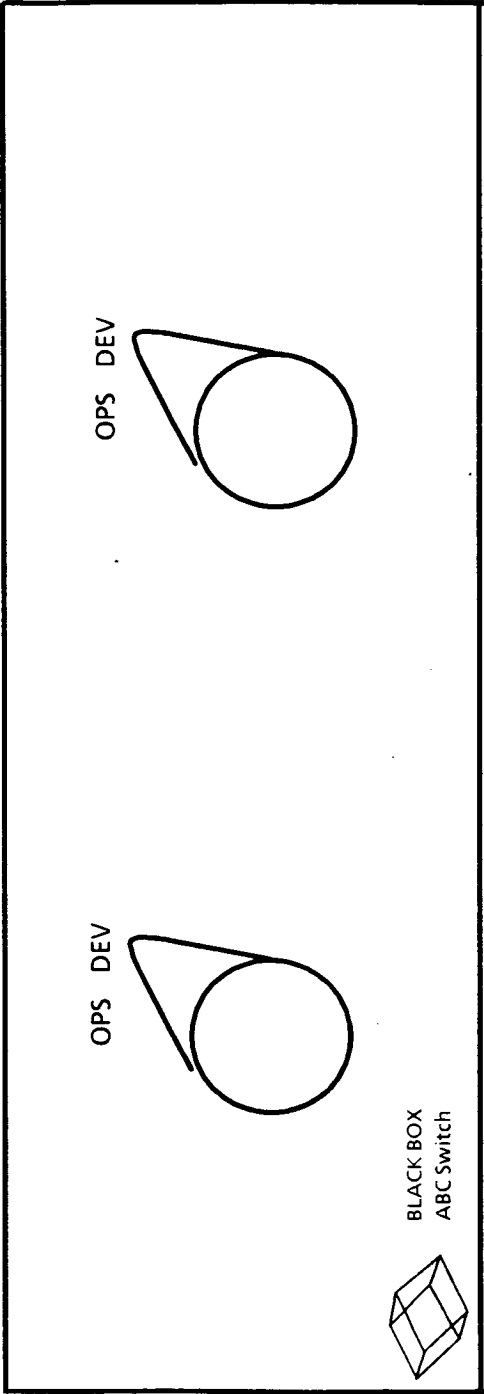


Figure 1-8. LAN Interface Switch

C-2

SECTION 3 PHYSICAL DESCRIPTION

NDD SUBSYSTEM (Cont.)

- The LAN I/F switch (figure 1-8) contains two Black Box Corporation RS-232 interface switches.
 - Each switch provides selection between two LAN fiber-optic ethernet.

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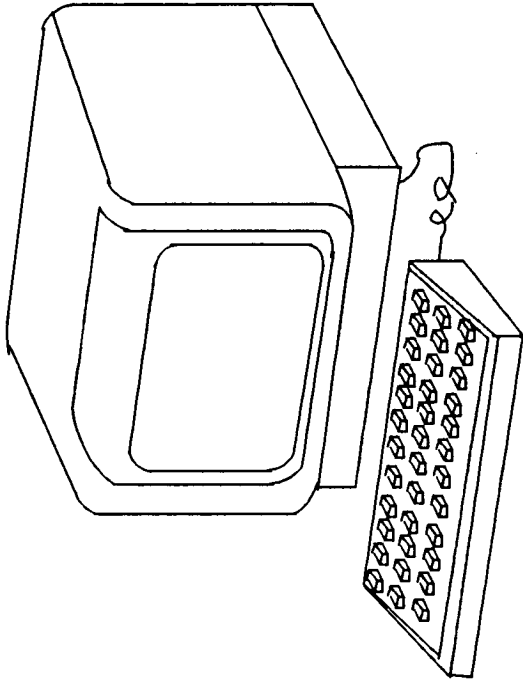


Figure 1-9. Televideo Video Display Terminal Model 950

SECTION 3 PHYSICAL DESCRIPTION

NDD SUBSYSTEM (Cont.)

- The five video display terminals (VDT) (figure 1-9) are Televideo Video Display Terminals Model 950.
 - Each VDT provides operator control and monitoring of the associated NDD.

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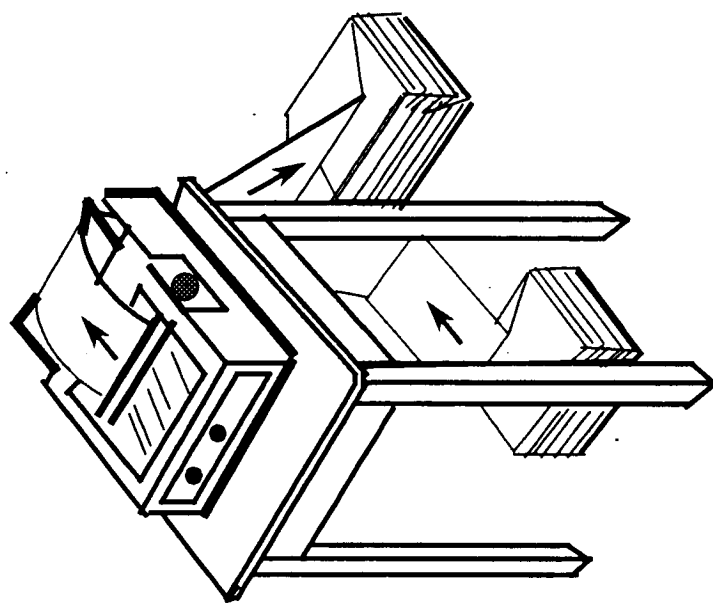


Figure 1-10. MASSCOMP Dot Matrix Printer

SECTION 3 PHYSICAL DESCRIPTION

NDD SUBSYSTEM (Cont.)

- The five printers (figure 1-10) are MASSCOMP dot matrix printers.
 - Each printer provides the operator with hardcopy-monitoring of the associated NDD.

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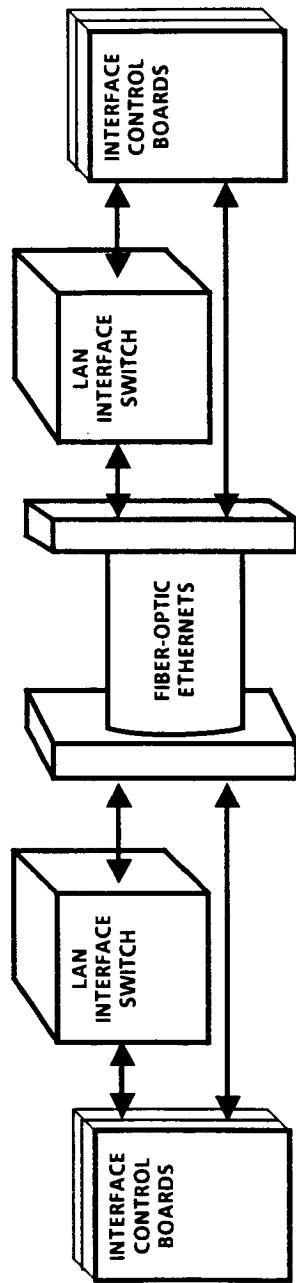


Figure 1-11. COMMNET Subsystem

SECTION 3 PHYSICAL DESCRIPTION

COMMNET SUBSYSTEM

COMMNET subsystem (figure 1-11) consists of:

- Three local area networks (LAN).
 - 14 interface (I/F) control boards (10 located in NDD workstations and 4 located in MCC workstations).
 - Seven LAN I/F switches (located in NDD cabinets).
 - Three fiber-optic ethernet.

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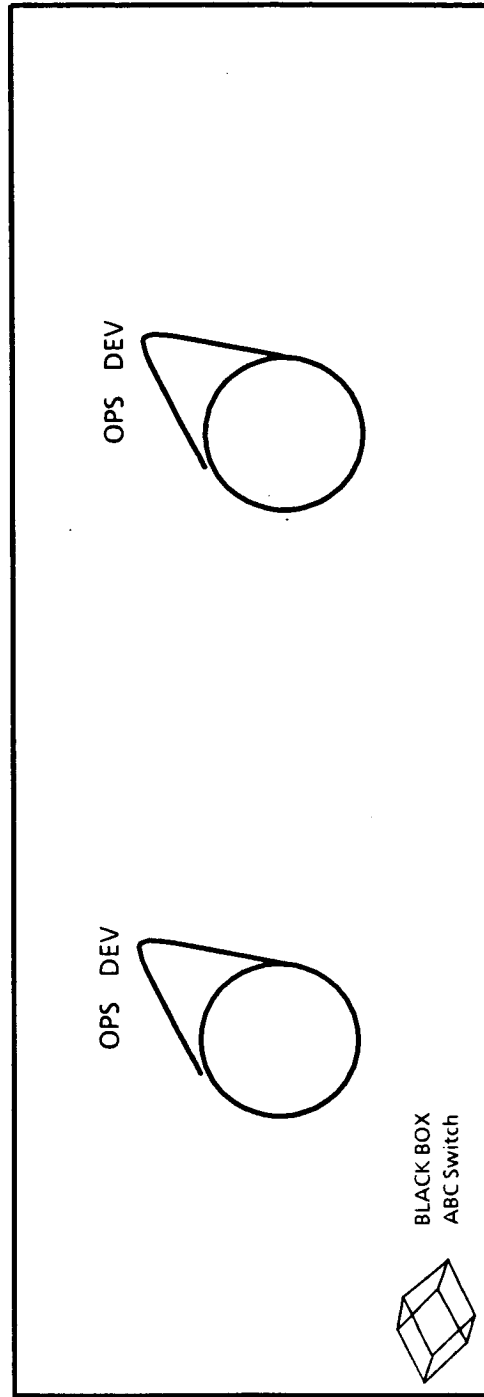


Figure 1-12. LAN Interface Switch

SECTION 3 PHYSICAL DESCRIPTION

COMMNET SUBSYSTEM (Cont.)

- The LAN I/F switch (figure 1-12) contains two Black Box Corporation RS-232 interface switches.
 - Each switch provides selection between two LAN fiber-optic ethernetets.

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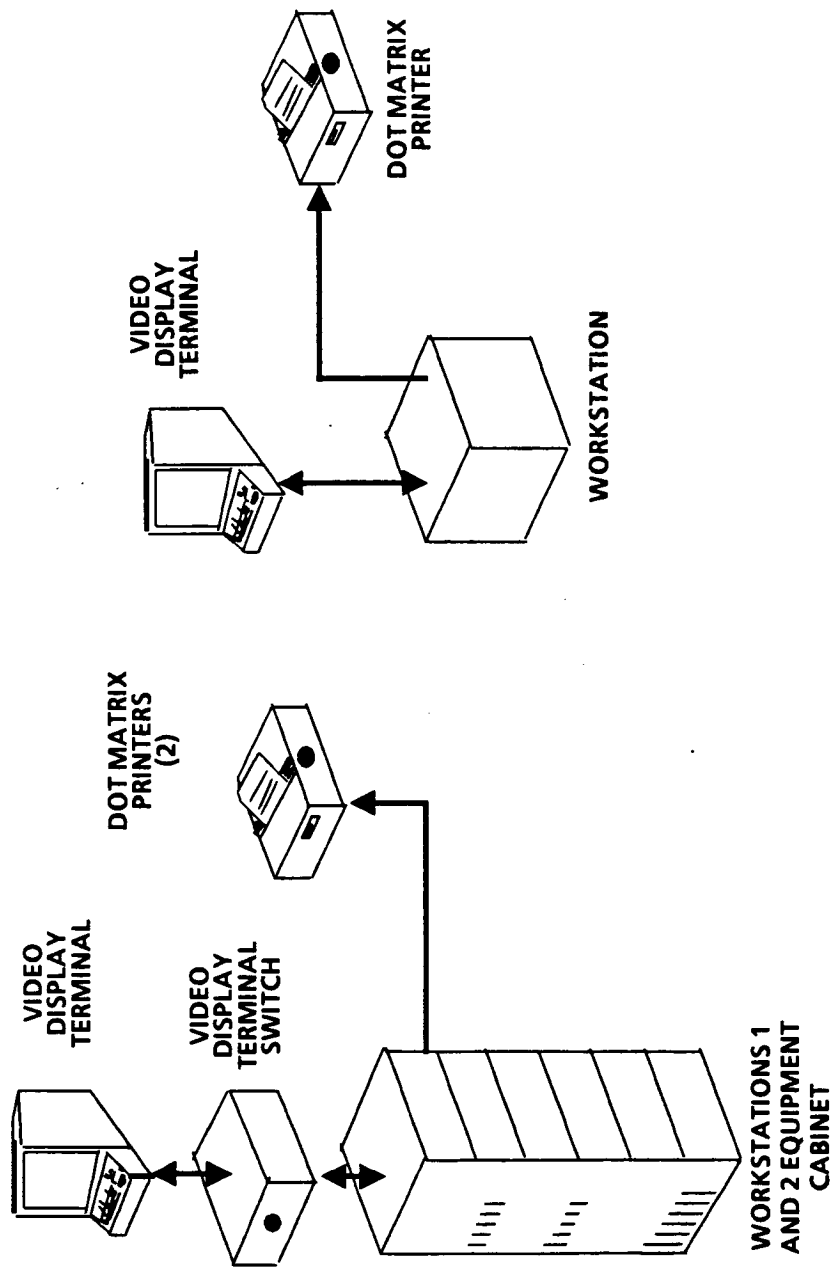
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MCC WORKSTATIONS

GSFC WORKSTATION

Figure 1-13. Workstation Subsystem

SECTION 3 PHYSICAL DESCRIPTION

WORKSTATION SUBSYSTEM

The workstation subsystem (figure 1-13) consists of:

- MCC workstations.
 - Workstations one and two equipment cabinet.
 - VDT.
 - VDT switch.
 - Dot matrix printers.
- GSFC workstation.
 - Workstation.
 - VDT.
 - Dot matrix printer.

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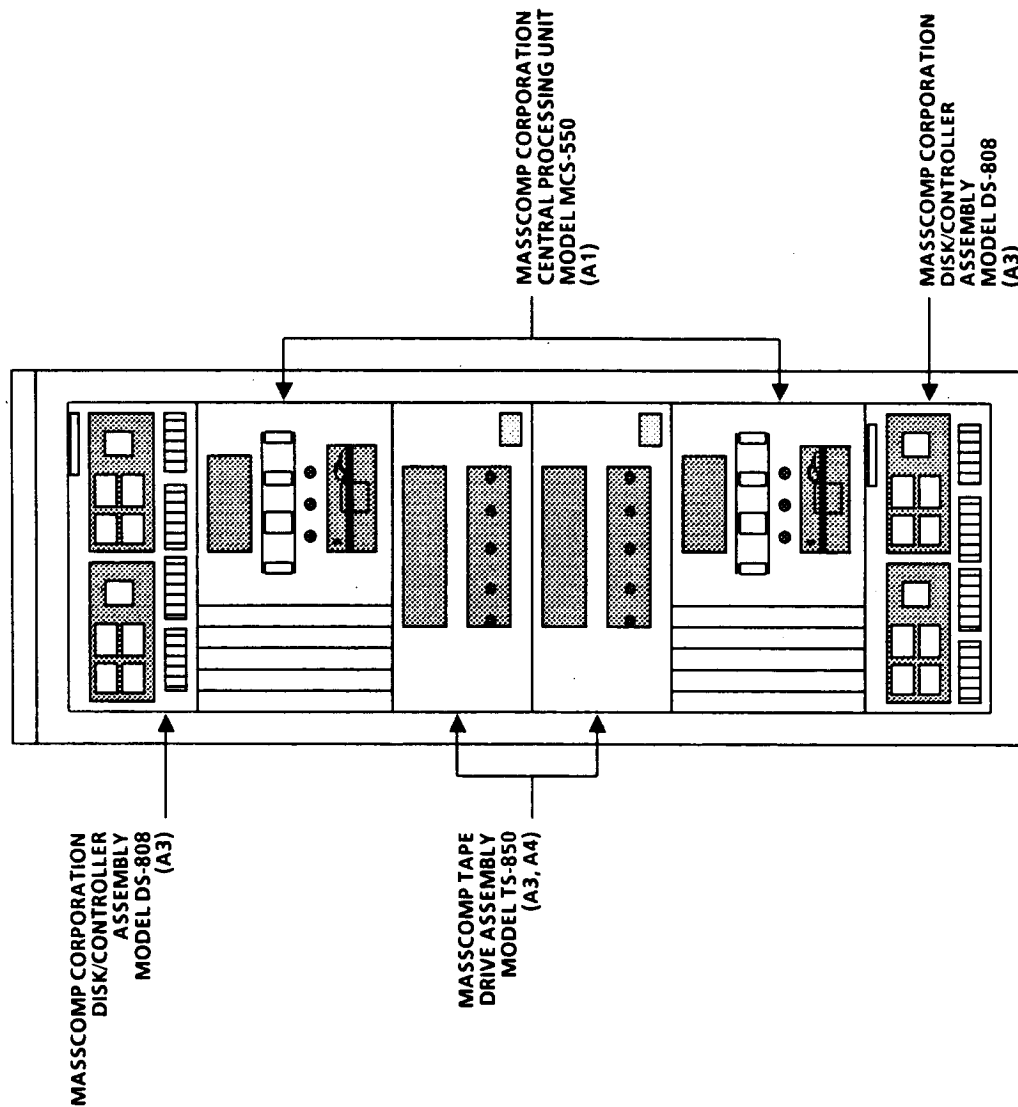


Figure 1-14. Workstations 1 and 2 Equipment Cabinet

SECTION 3 PHYSICAL DESCRIPTION

WORKSTATION SUBSYSTEM (Cont.)

MCC workstations:

- The workstations one and two equipment cabinet (figure 1-14) contains two workstations.
- Each workstation consists of:
 - A MASSCOMP Disk/Controller Assembly Model DS-808.
 - A MASSCOMP Central Processing Unit Model MCS-533.
 - A MASSCOMP Tape Drive Assembly Model TS-850.

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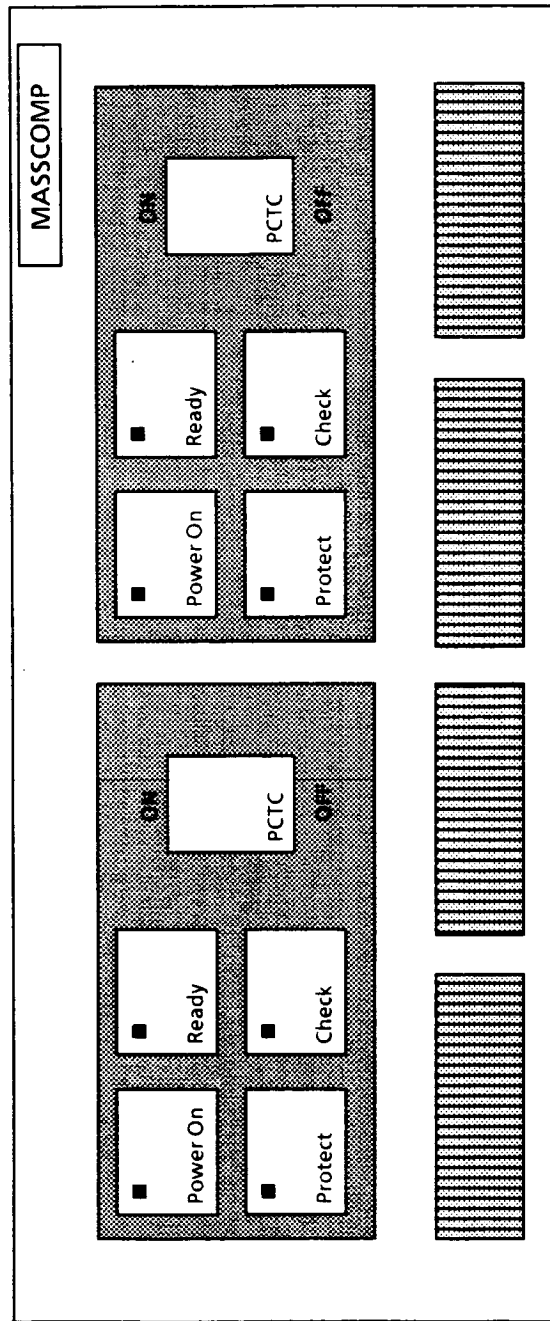


Figure 1-15. MASSCOMP Disk/Controller Assembly (Workstation)

SECTION 3 PHYSICAL DESCRIPTION

WORKSTATION SUBSYSTEM (Cont.)

MCC workstations (Cont.)

- MASSCOMP disk/controller assembly.
 - Control panel (figure 1-15) contains controls and indicators for operating disk/controller assembly.

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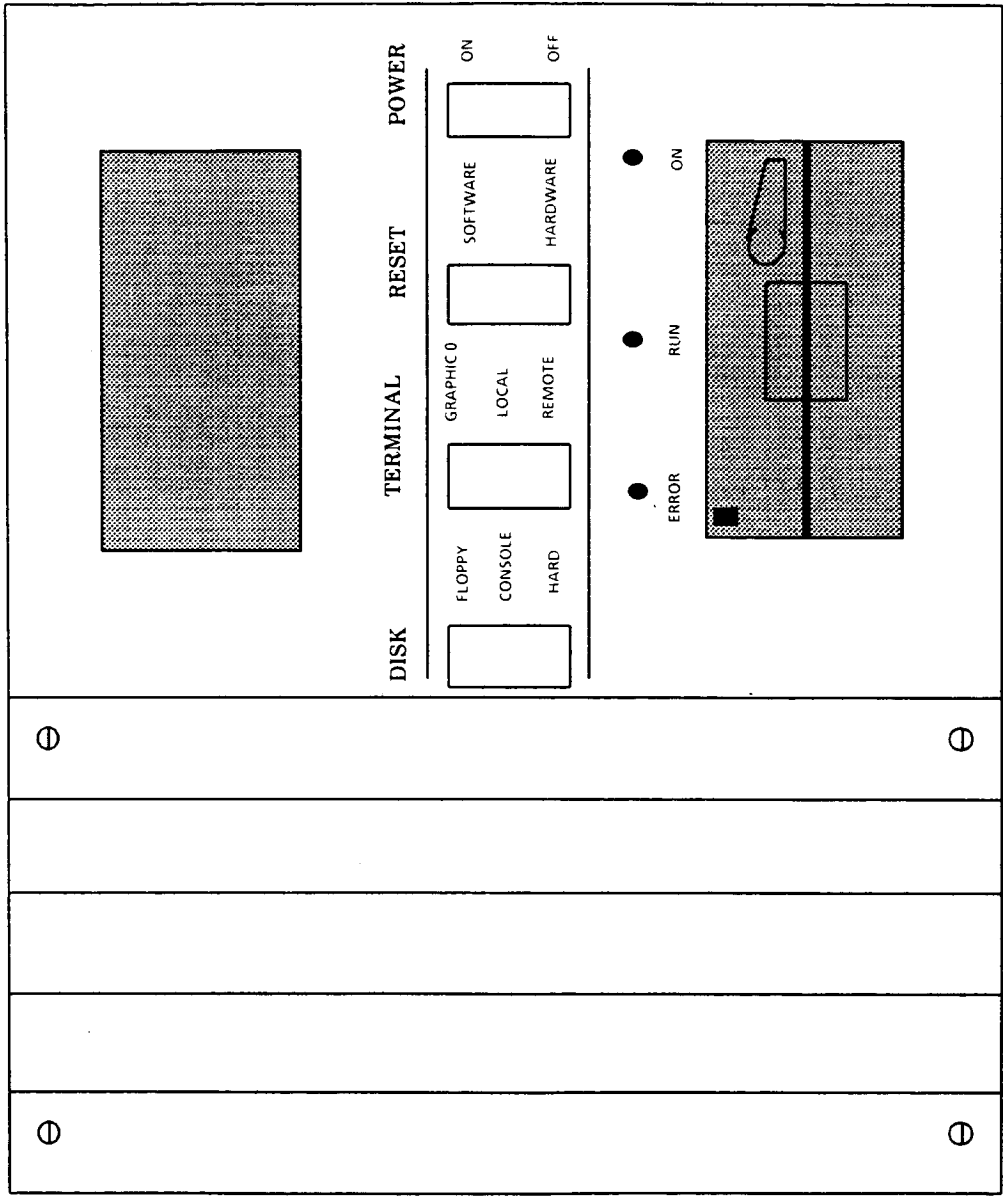


Figure 1-16. MASSCOMP Central Processing Unit

SECTION 3
PHYSICAL DESCRIPTION

WORKSTATION SUBSYSTEM (Cont.)

MCC Workstation (Cont.)

- MASSCOMP central processing unit (CPU).
 - Control panel (figure 1-16) contains controls and indicators for operating CPU.

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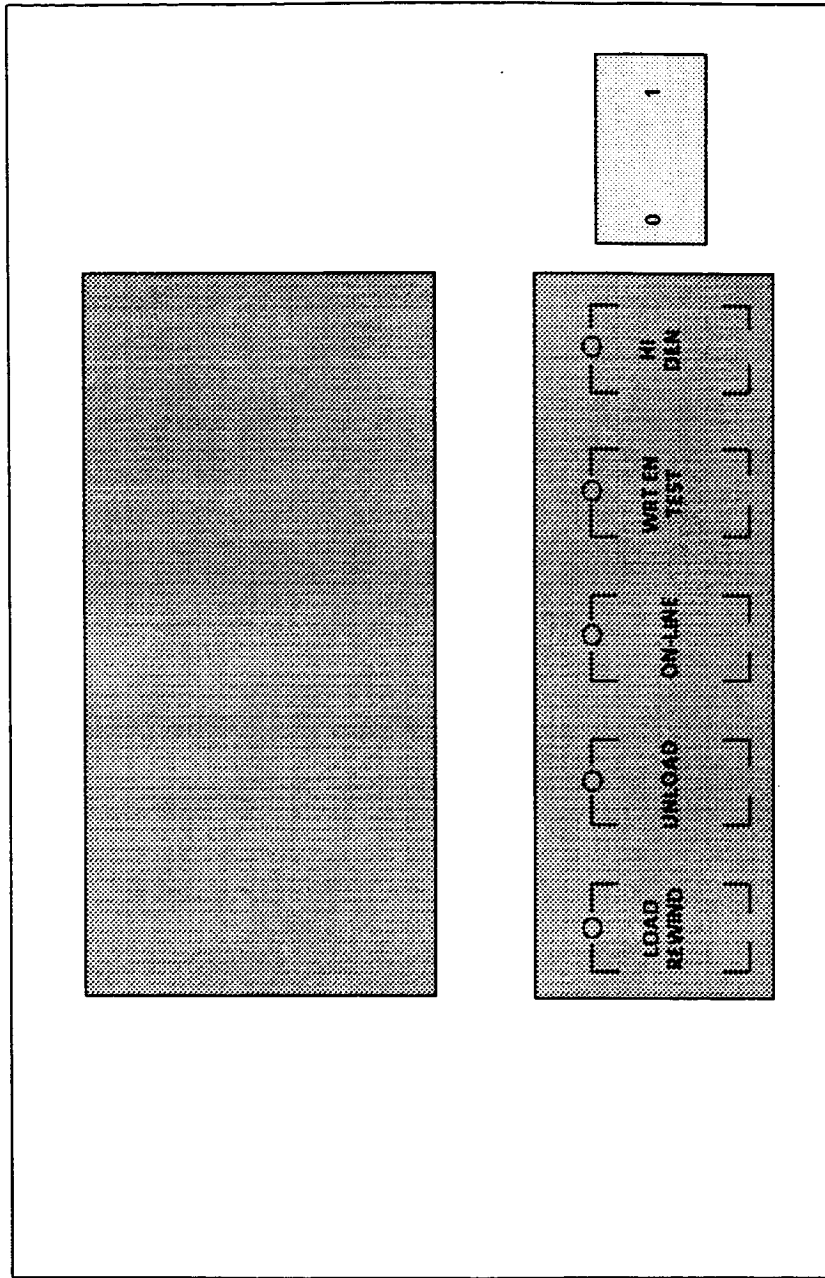


Figure 1-17. MASSCOMP Tape Drive

SECTION 3 PHYSICAL DESCRIPTION

WORKSTATION SUBSYSTEM (Cont.)

MCC Workstation (Cont.)

- MASSCOMP tape drive.
 - Control panel (figure 1-17) contains controls and indicators for operating the tape drive.

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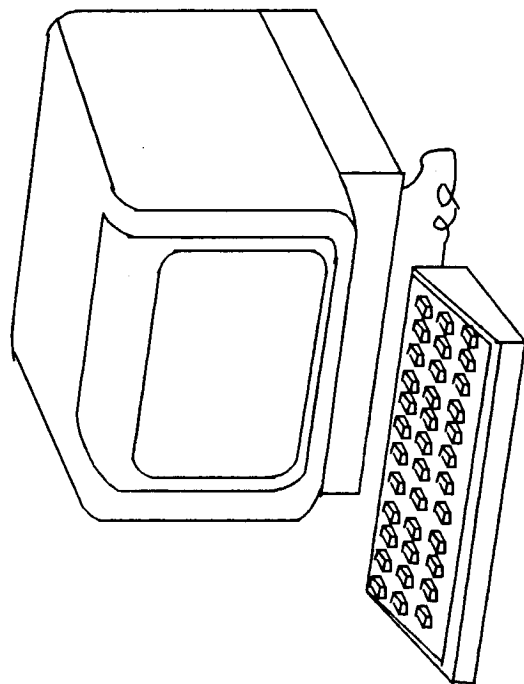


Figure 1-18. Teletype Video Display Terminal Model 950

SECTION 3 PHYSICAL DESCRIPTION

WORKSTATION SUBSYSTEM (Cont.)

- The video display terminal (VDT) (figure 1-18) is a Televideo Video Display Terminal Model 950.
 - The VDT provides operator control and monitoring of the selected workstation.

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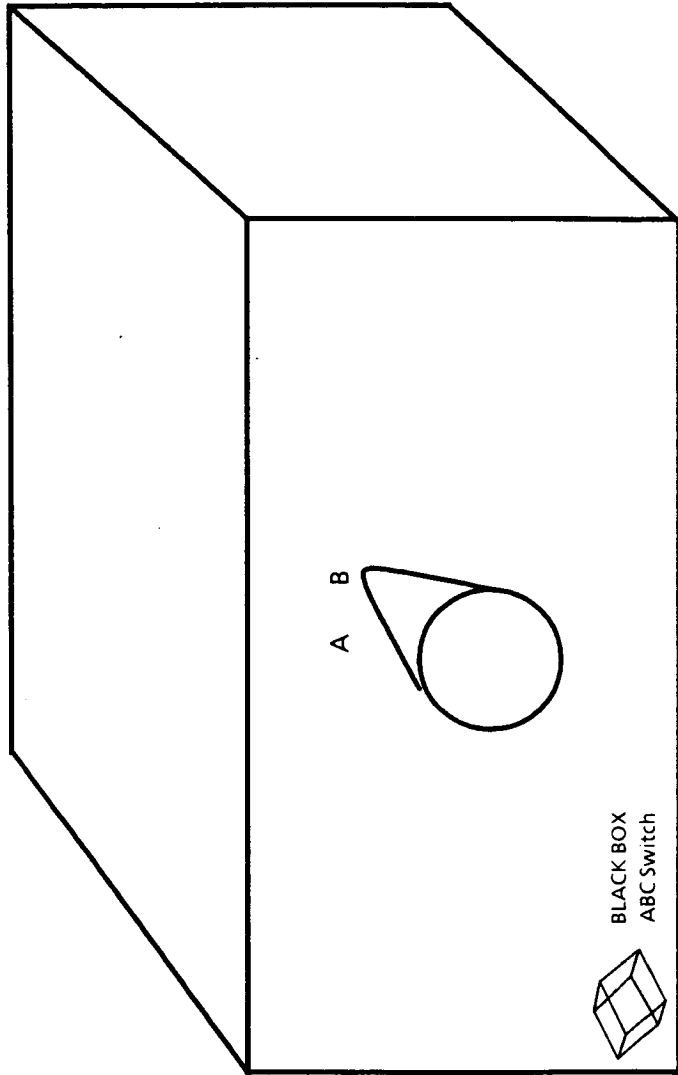


Figure 1-19. VDT Switch

SECTION 3 PHYSICAL DESCRIPTION

WORKSTATION SUBSYSTEM (Cont.)

MCC Workstations (Cont.)

- The VDT switch (figure 1-19) contains a Black Box Corporation RS-232 interface switch.
 - Provides the capability to switch the VDT between workstations one and two.

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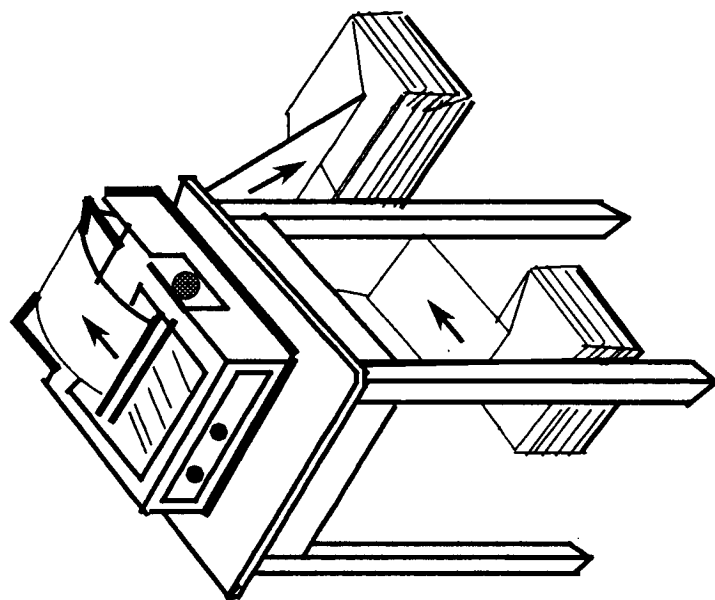


Figure 1-20. MASSCOMP Dot Matrix Printer

SECTION 3
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WORKSTATION SUBSYSTEM (Cont.)

MCC Workstations (Cont.)

- Two MASSCOMP dot matrix printers (figure 1-20).
- Provide operator hardcopy-monitoring of the associated workstation.

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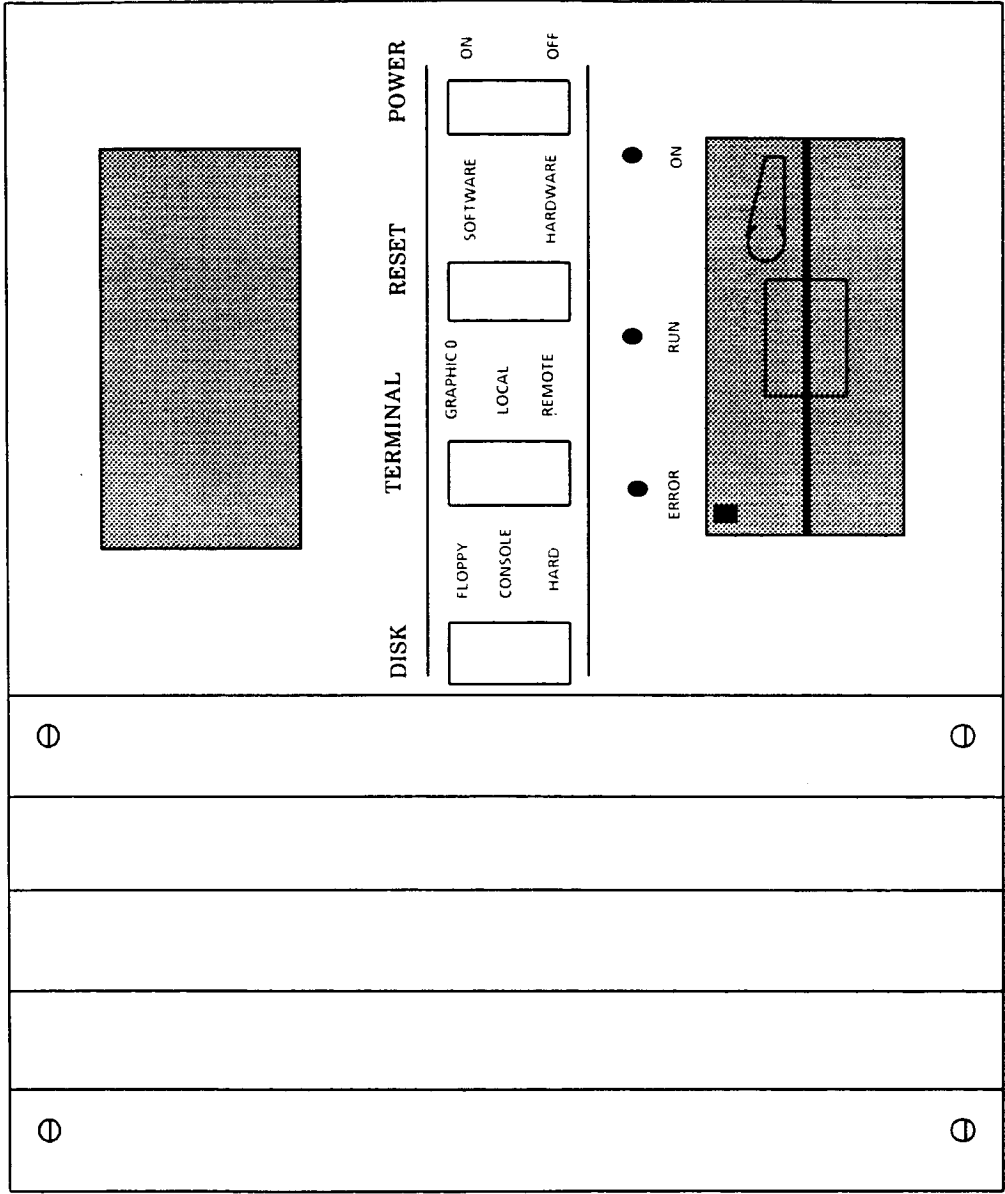


Figure 1-21. MASSCOMP Central Processing Unit

SECTION 3 PHYSICAL DESCRIPTION

WORKSTATION SUBSYSTEM (Cont.)

GSFC Workstation

- The workstation consists of a MASSCOMP CPU.
 - Control panel (figure 1-21) contains controls and indicators for operating the workstation.

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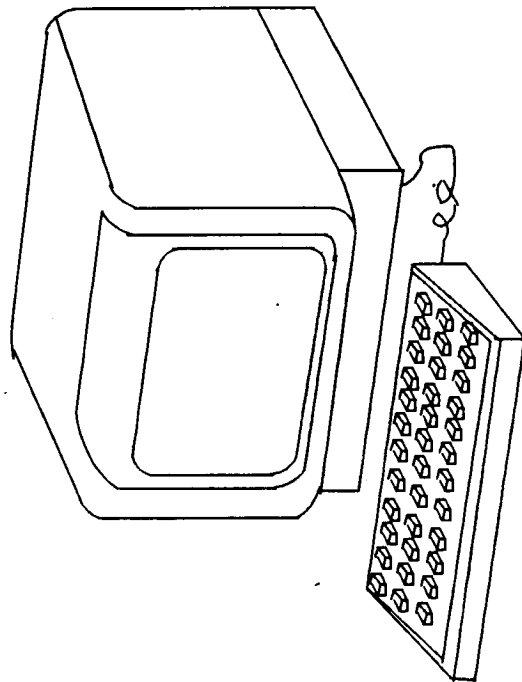


Figure 1-22. Televideo Video Display Terminal Model 950

SECTION 3
PHYSICAL DESCRIPTION

WORKSTATION SUBSYSTEM (Cont.)

GSFC Workstation (cont.)

- The VDT (figure 1-22) is a Televideo Video Display Terminal Model 950.
 - Provides operator control and monitoring of workstation.

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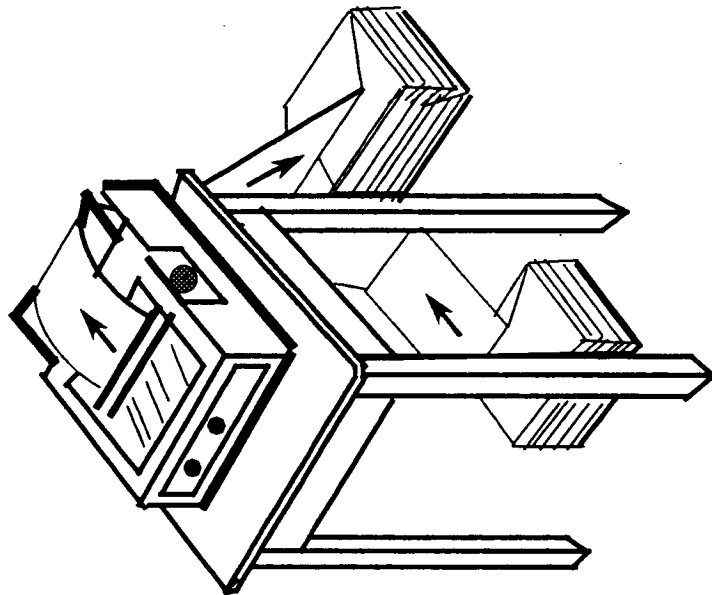


Figure 1-23. MASSCOMP Dot Matrix Printer

SECTION 3 PHYSICAL DESCRIPTION

WORKSTATION SUBSYSTEM (Cont.)

GSFC Workstation (Cont.)

- MASSCOMP dot matrix printer (figure 1-23).
 - Provides operator hardcopy-monitoring of workstation.

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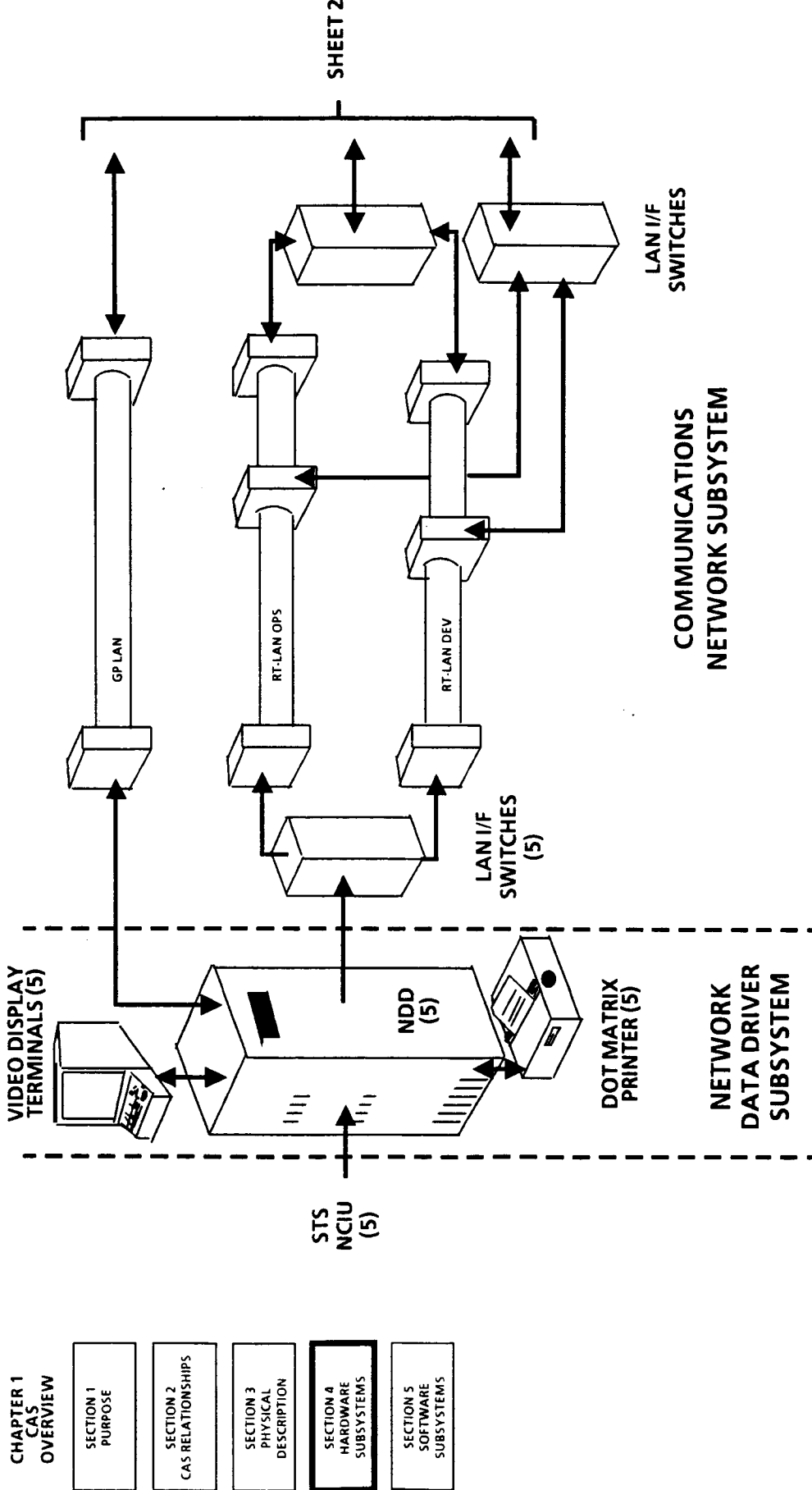


Figure 1-24. CAS Hardware Subsystems (Sheet 1 of 3)

SECTION 4 HARDWARE SUBSYSTEMS

Hardware subsystems functionally divided into the same three subsystems (figure 1-23) as explained for the equipment.

- NDD subsystem.
- COMMNET subsystem.
- Workstation subsystem.
- The NDD subsystem (figure 1-24, sheet 1) transmits telemetry data from the STS NCIU to the COMMNET subsystem.
- The COMMNET subsystem distributes the data over three local area networks (LAN) to the workstation subsystem.
 - The real-time (RT)-LAN operational (OPS) distributes telemetry data to the workstation subsystem.
 - The RT-LAN developmental (DEV) is used for program development.
 - The general purpose (GP)-LAN distributes software and flight support data signals to provide centralized control of all CAS elements.

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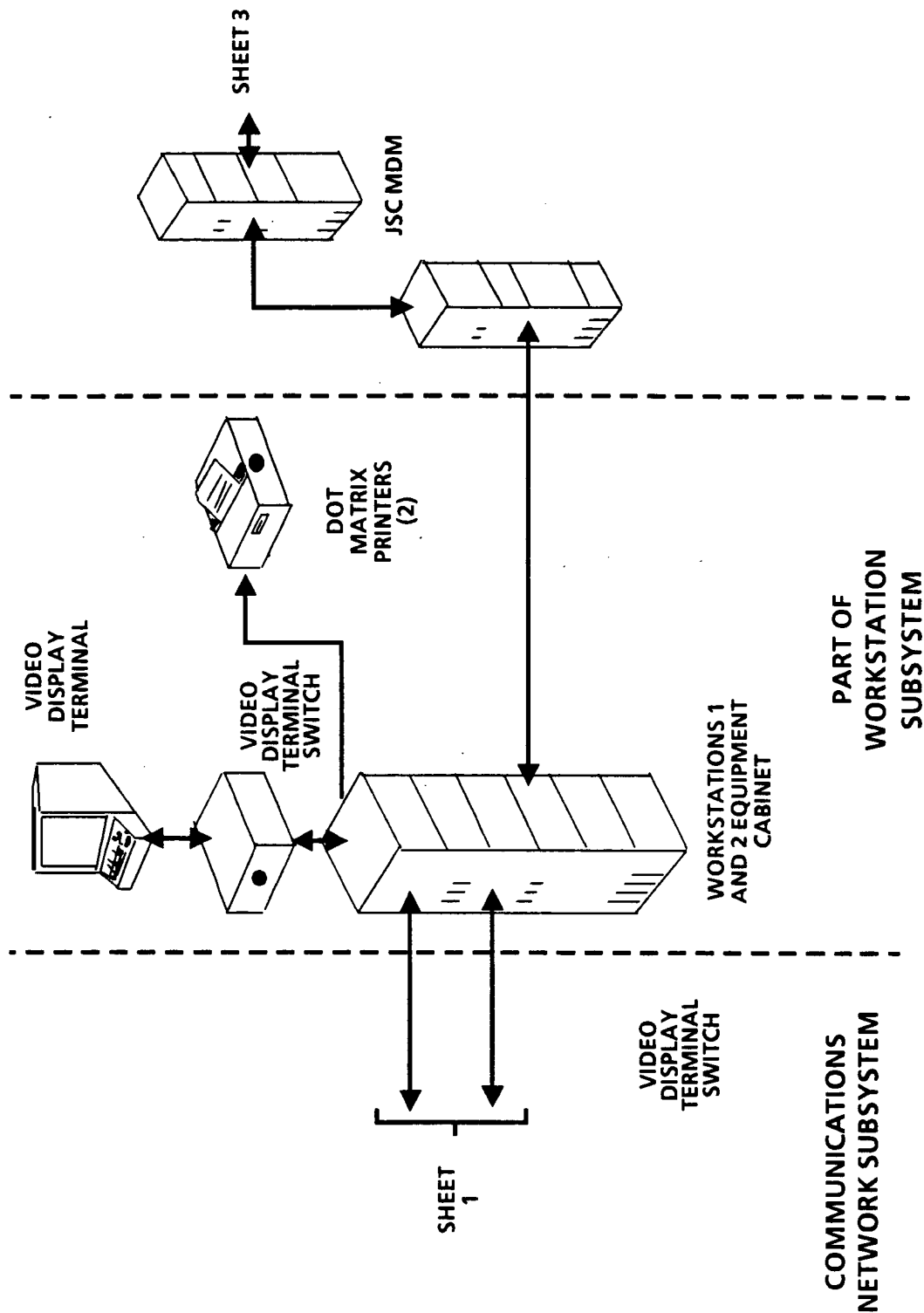


Figure 1-24. CAS Hardware Subsystems (Sheet 2 of 3)

SECTION 4 HARDWARE SUBSYSTEMS

HARDWARE SUBSYSTEMS(Cont.)

- The MCC workstation (figure 1-24, sheet 2) provides the processing capabilities necessary to supply calibrated ancillary data to GSFC.
- The VDT provides the operator interface to the MCC workstation for the performance of central status and control processing and mission planning editions, when required.
- Workstations decommutate, calibrate, and distribute telemetry data to the shuttle transportation system data select switch (SDSS) and multiplexer/demultiplexer (MDM).
- The MDM distributes the data to the GSFC in the NASCOM 4800- bit block format.

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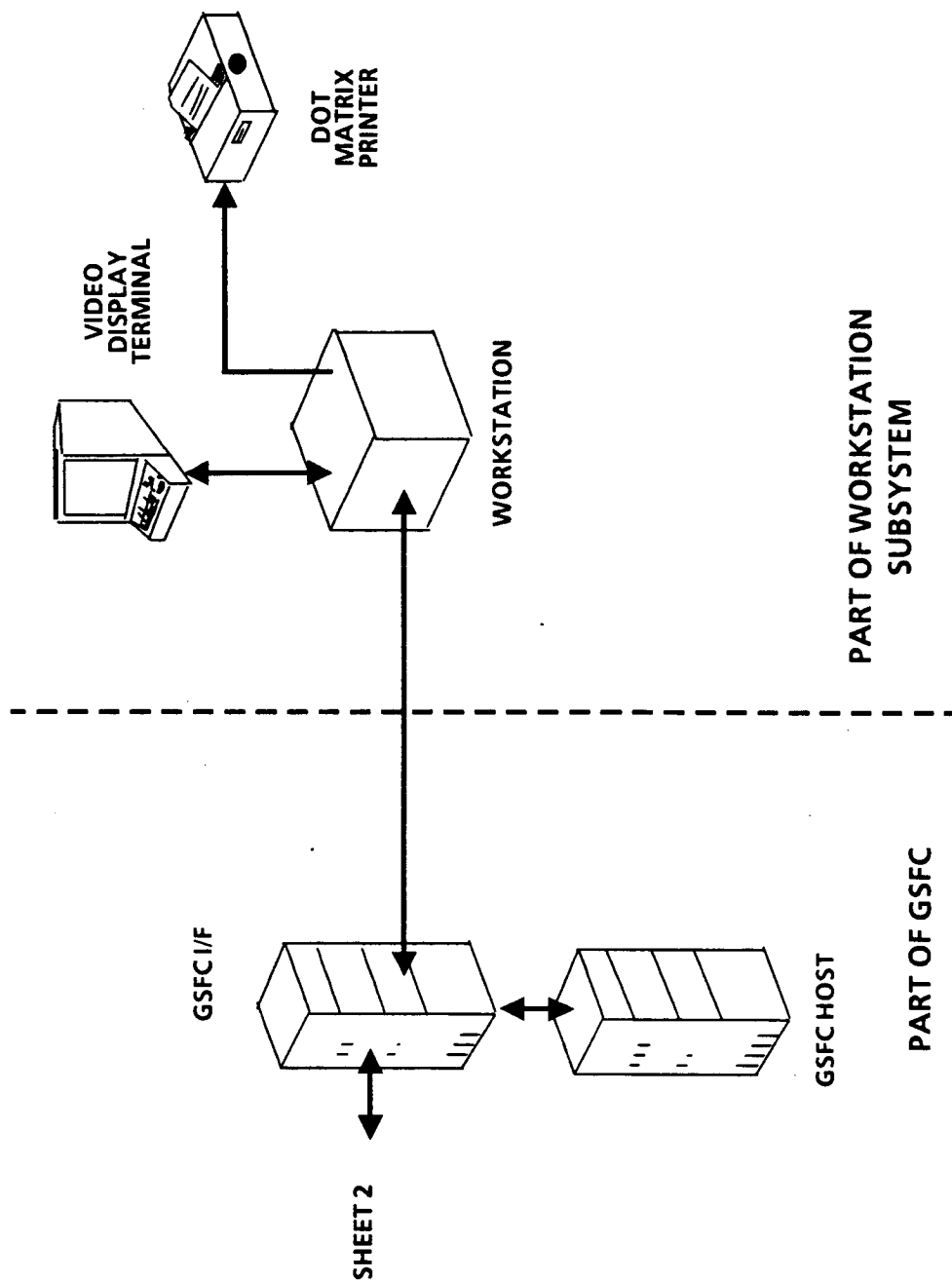


Figure 1-24. CAS Hardware Subsystems (Sheet 3 of 3)

SECTION 4 HARDWARE SUBSYSTEMS

HARDWARE SUBSYSTEMS(Cont.)

- The workstation (figure 1-24, sheet 3) provides the GSFC with the capability to distribute mission planning data to the MCC workstation.
- The workstation also provides GSFC with a development environment, capable of supporting time-sharing users, for the establishment of an electronic link between the CAS and the GSFC host processor.

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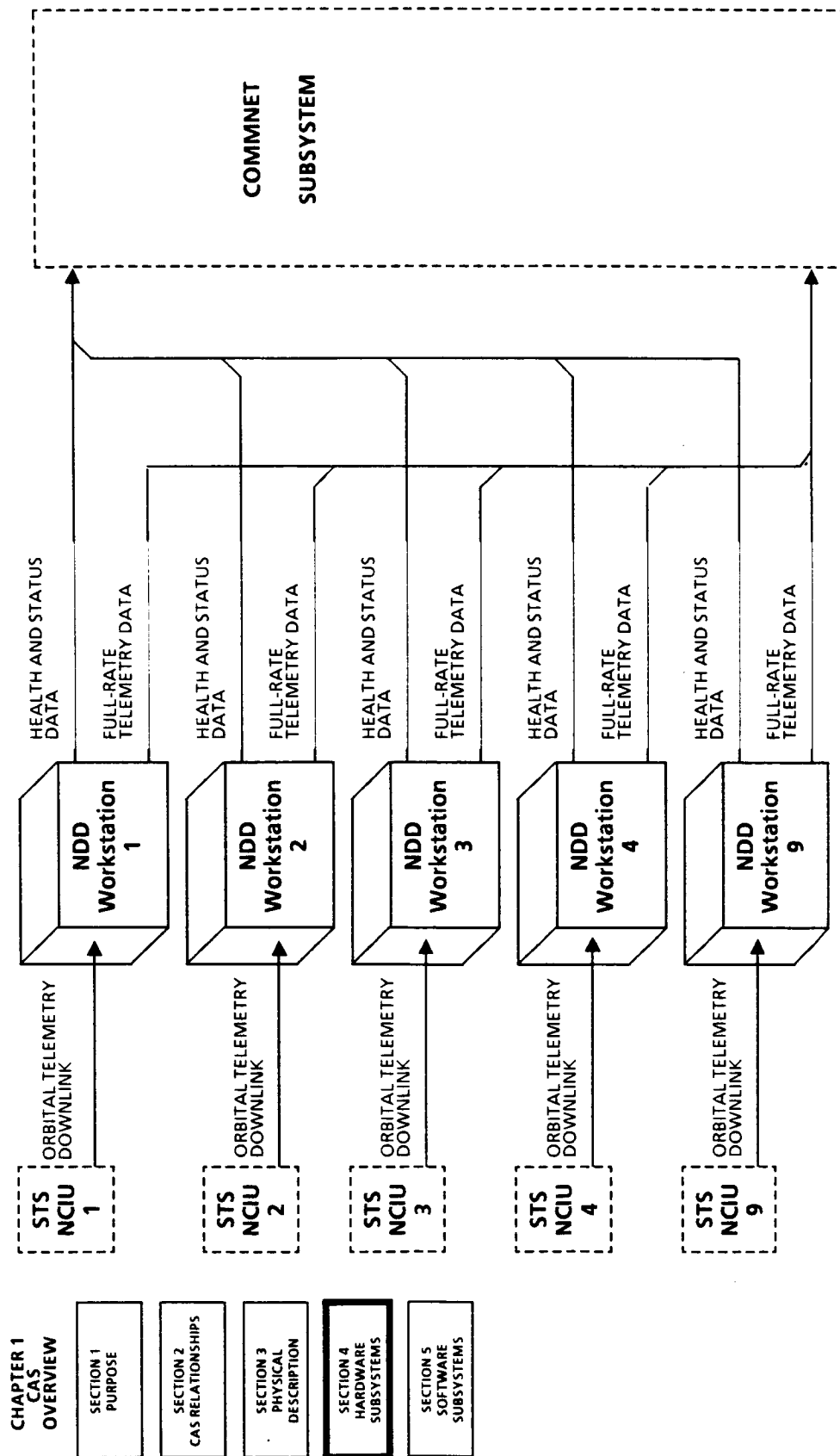


Figure 1-25. NDD Subsystem, Functional Block Diagram

SECTION 4 HARDWARE SUBSYSTEMS

NDD SUBSYSTEM (figure 1-25)

- Receives 128-kbs, frame-synchronized orbital telemetry downlink data from the STS NCIU.
- Validates orbiter telemetry downlink data.
- Converts orbiter telemetry downlink data to full-rate telemetry data.
- Distributes full-rate telemetry data to the workstation subsystem via the COMMNET subsystem.
- Provides NDD subsystem health and status information to the workstation subsystem via the COMMNET subsystem.

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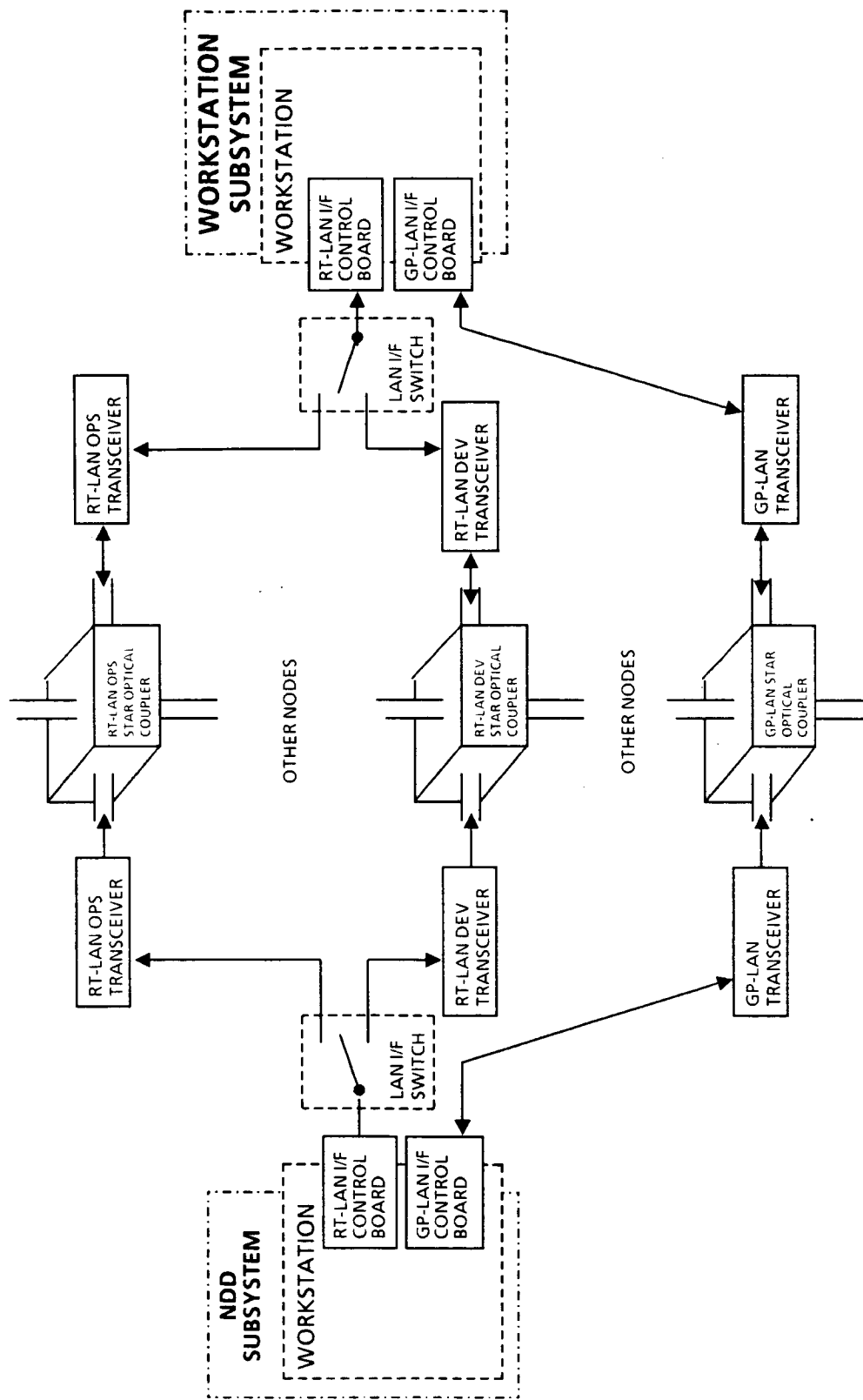


Figure 1-26. COMMNET Subsystem, Functional Block Diagram

SECTION 4 HARDWARE SUBSYSTEMS

COMMNET SUBSYSTEM (figure 1-26)

- Provides communications interface between the CAS subsystems.
- Provides a means of electronic file transfer between all workstations and the NDD.
- The RT-LAN OPS distributes full-rate telemetry data to the workstation subsystem.
- The RT-LAN DEV provides a development and test environment for the workstation subsystem.
- The general purpose LAN (GP-LAN) receives and distributes health and status information from all workstations.
- The LAN interface switches provide manual selection between the operational real-time LAN (RT-LAN OPS) or the development real-time LAN (RT-LAN DEV).
 - LAN interface switch for each NDD.
 - LAN interface switch for MCC workstation.

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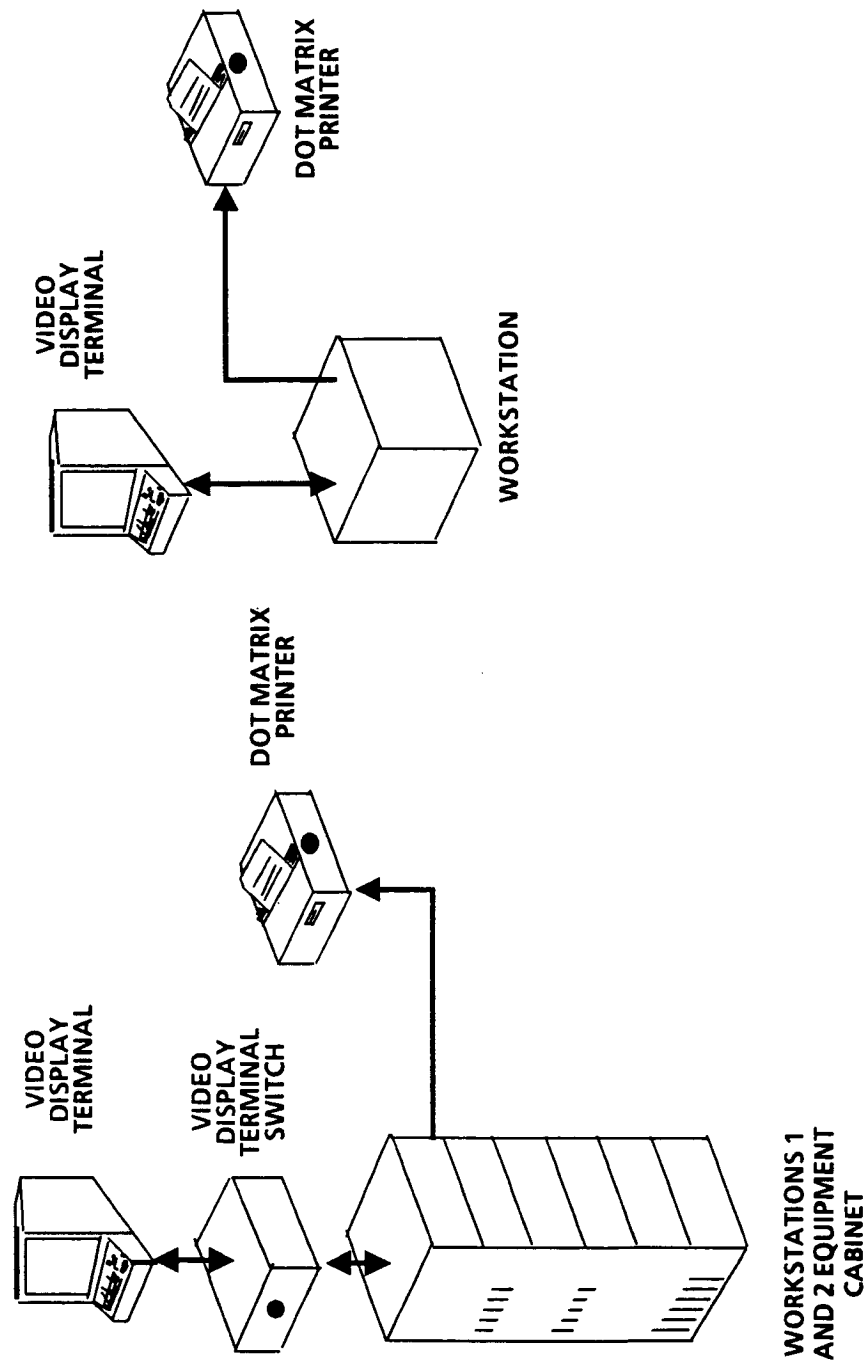
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MCC WORKSTATIONS (2)

GSFC WORKSTATION

Figure 1-27. Workstation Subsystem

SECTION 4 HARDWARE SUBSYSTEMS

WORKSTATION SUBSYSTEM (figure 1-27)

- Contains software for providing calibrated ancillary data to the GSFC.
- Receives full-rate telemetry data from the NDD subsystem via the COMMNET subsystem.
- Processes the full-rate telemetry data into calibrated ancillary data.
- Distributes calibrated ancillary data between the GSFC and the MCC via the NASA communications network (NASCOM).
- Handles mission planning and development changes.

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SECTION 5 SOFTWARE SUBSYSTEMS

SOFTWARE OPERATIONS

Software operations involved in generating calibrated ancillary data are divided into four subsystems:

- Real-time processing subsystem.
- Central status and control (CSAC) subsystem.
- Mission planning subsystem.
- Checkout and test subsystem.

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SOFTWARE SUBSYSTEMS****REAL-TIME PROCESSING SUBSYSTEM**

- Performs parameter decommutation of full-rate telemetry data into data cycle packets for distribution to the RT-LAN.
- Performs parameter calibration.
- Performs NASCOM blocking of calibrated parameters.
- Routes real-time calibrated ancillary data from the workstation subsystem to the SDSS.

SECTION 5 SOFTWARE SUBSYSTEMS

CSAC SUBSYSTEM

- Provides a central point of control of all CAS subsystems.
- Provides central point for ascertaining health and status of the CAS.
- Works concurrently with up to two real-time processes.

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SOFTWARE SUBSYSTEMS****MISSION PLANNING SUBSYSTEM**

- Provides a timely mission-to-mission planning process for the GSFC.
- Provides user capability to interactively select specific parameters of interest to mission.
 - Performs interactive validation of syntax and form of selected parameters.
 - Displays NASCOM blocking structure resulting from selection process.
- Shuttle data tape (SDT) is the source for all reconfiguration information used to build the mission planning data bases used by the workstations.
 - Parameter validation.
 - Parameter decommutation information.
 - Parameter calibration information.
 - Parameter description.
- Provides timely reconfiguration processing for both the NDD and workstation subsystems.
- The GSFC workstation is the primary source of mission planning operations for the CAS.
- The MCC operational workstations are secondary source of mission planning operations for the CAS.

SECTION 5 SOFTWARE SUBSYSTEMS

CHECKOUT AND TEST SUBSYSTEM

- Provides the capability for generating test data for application software and hardware elements.
- Provides the capability for scoring test output data.
- Provides other checkout tools.
- Provides a checkout and test environment for testing and development concurrent with operations.

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CAS User Levels

ACCOUNT RANGE	LEVEL NAME
001-049	Reserved For System Use
050-099	Non-CAS Users
100-199	Non-privileged CAS Users
200-219	Mission Planning Users
220-239	Mission Planning Testers
240-259	Mission Planning Developers
260-279	Mission Planning Maintainers
280-299	Mission Planning Expansion
300-399	Privileged CAS Users
400-499	CAS Superusers
500-999	Reserved For future Use

SECTION 1
USER LEVELS

Not all users have access to all functions within the CAS. Access to the CAS functions is assigned by user level. Each user level has a specific range of numbers (accounts) assigned. Users with accounts in a specific range have access rights of the associated user level. Users with accounts in the 001-049 range have the lowest access rights. Users assigned accounts in the 400-499 range currently have the highest access rights.

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SECTION 2 USER TASKS

CAS users tasks are divided into five catagories:

- Data flow engineer (DFE) tasks.
- Mission planner tasks.
- Checkout and test user tasks.
- Maintenance user tasks.
- System manager tasks.

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SECTION 3 DFE TASKS

DFE tasks include:

- Initializing system.
- Configuring each CAS element.
- Monitoring status of entire CAS and each element.
- Coordinating use of CAS resources.
- Controlling real-time operation of each CAS element.
- Diagnosing data flow problems.
- Maintenance user tasks.
- System manager tasks.
- Generate initial data base for mission planners.

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SECTION 4 MISSION PLANNER TASKS

Mission planner tasks include:

- Selecting measurement stimulus identification (MSID) for any related mission.
- Selecting parameters for calibration.
- Selecting parameters for decommutation.
- Selecting parameters for output.
- Reviewing support files.
- Communicating with MCC operators.

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SECTION 5 CHECKOUT AND TEST USER TASKS

Checkout and test user tasks include:

- Checking out hardware and software for:
 - Network common interface unique (NCIU) driver in the NDD.
 - NDD output (data cycle packets) software.
 - Workstation output (NASCOM blocks) software.
 - Hardware (data patterns over NCIU).
 - Tool scriptor (generates test scenarios for other test programs).
 - Data generator (emulates real-time input of health and status messages, orbiter downlink [OD] frames, and NASCOM blocks).

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SECTION 6
MAINTENANCE USER TASKS

Maintenance user tasks include:

- Bringing down CAS for maintenance.
- Bringing up CAS after maintenance.
- Maintaining files within directories.
- Assuring proper switch settings on equipment before power up.

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SECTION 7 SYSTEM MANAGER TASKS

There are two types of system managers:

- UNIX system manager - deals with that portion of UNIX operating system (OS) generic to most UNIX-based systems.
- CAS system manager - deals with that portion of UNIX OS configured as the CAS operational system (CAS OS).

UNIX system manager tasks include:

- Working with CAS system manager to determine possible impact of new releases and updates of UNIX OS to CAS OS.
- Installation of new releases and updates to UNIX OS.
- Installation of backup UNIX OS as required.
- With assistance from CAS system manager, producing CAS operational UNIX environment for each new UNIX OS release.
- Assisting CAS system manager with any OS problems.
- Supply and distribution of software vendor documentation.

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**SECTION 7
SYSTEM MANAGER TASKS (Cont.)**

CAS system manager tasks include:

- Building and installation of new versions of CAS OS.
- Reinstallation of CAS software baseline.
- Assisting UNIX system manager with any OS problems.
- Maintenance of parameter files.
- Maintenance of personality files.
- Assigning user access.
- Maintenance of directories.
- Being knowledgeable of those procedures required to bring CAS up or down.

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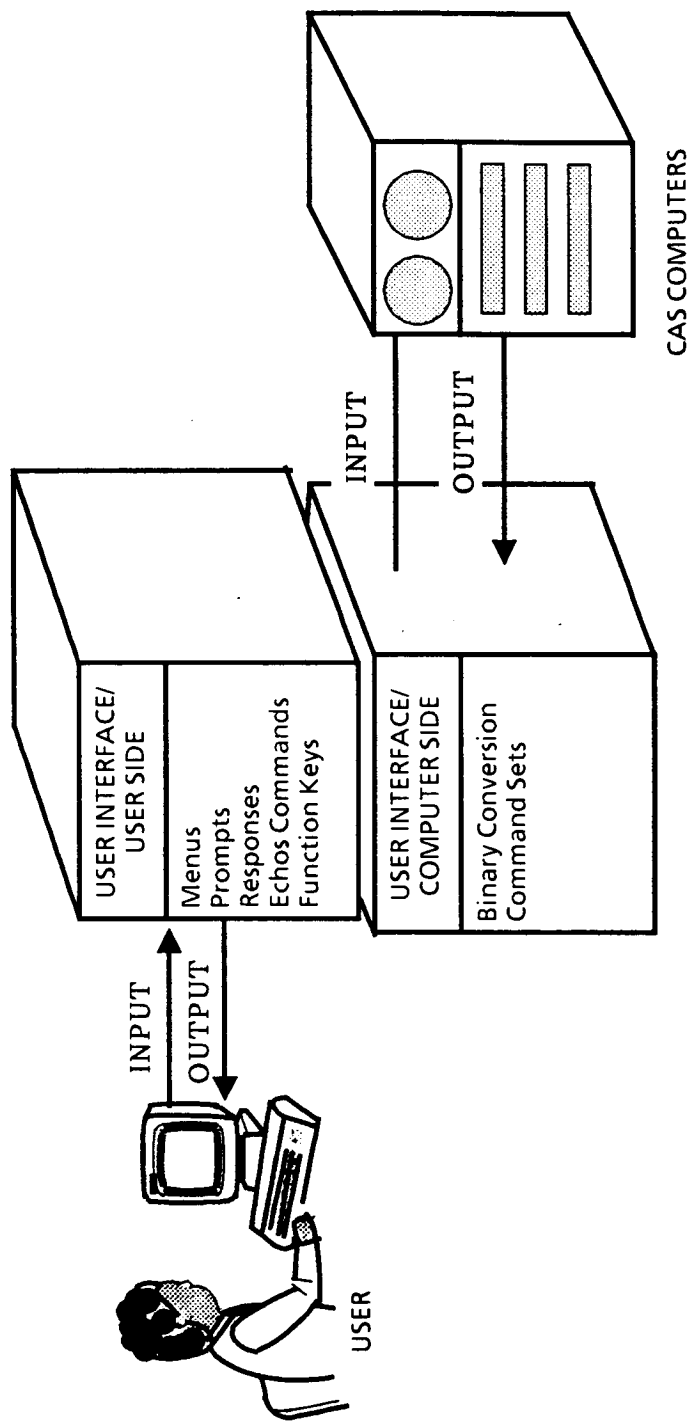


Figure 3-1. User Interface

SECTION 1 USER INTERFACE

The user interface (figure 3-1) is a software link between users and the CAS computers. The user interface provides users a way to enter information into the CAS and for the CAS to distribute information to the users.

User input to the CAS computers is accomplished in the following ways:

- Selecting a menu item.
- Responding to prompts.
- Directly entering a command.
- Using function keys.

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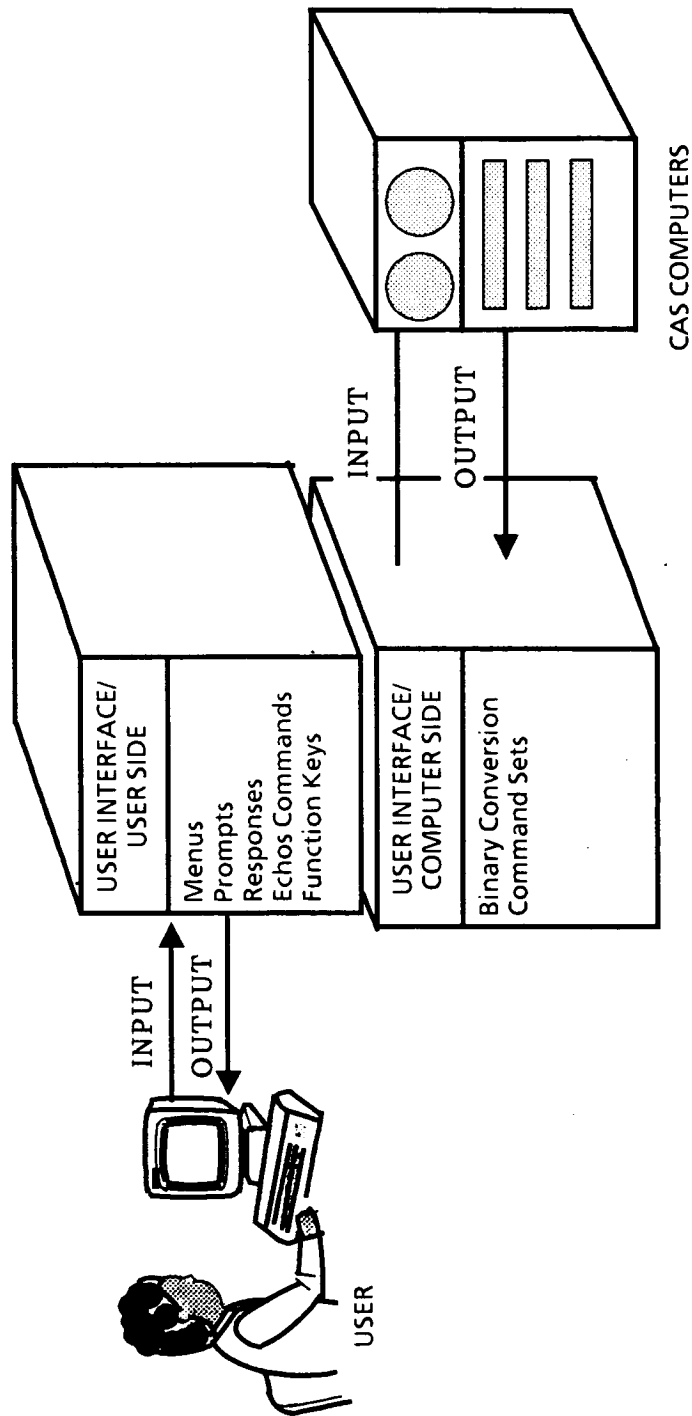


Figure 3-1. User Interface

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USER INPUT

User input (figure 3-1) to the CAS consists of:

- Selecting menu items:
 - Menus list commands, report choices, and other menus available. Items from the menu are selected by entering appropriate letter or number.
- Responding to prompts:
 - If command arguments are unknown, system prompts user through command sequence.
 - Incorrect entries generate prompts for correct command or arguments.
- Directly entering a command:
 - All commands can be entered without going through menus or prompting. Direct command entry allows quicker operation for users familiar with the system.
- Using function keys:
 - Five commands are programmed into keys on keyboard. Pressing function keys executes commands. These commands can also be entered directly.

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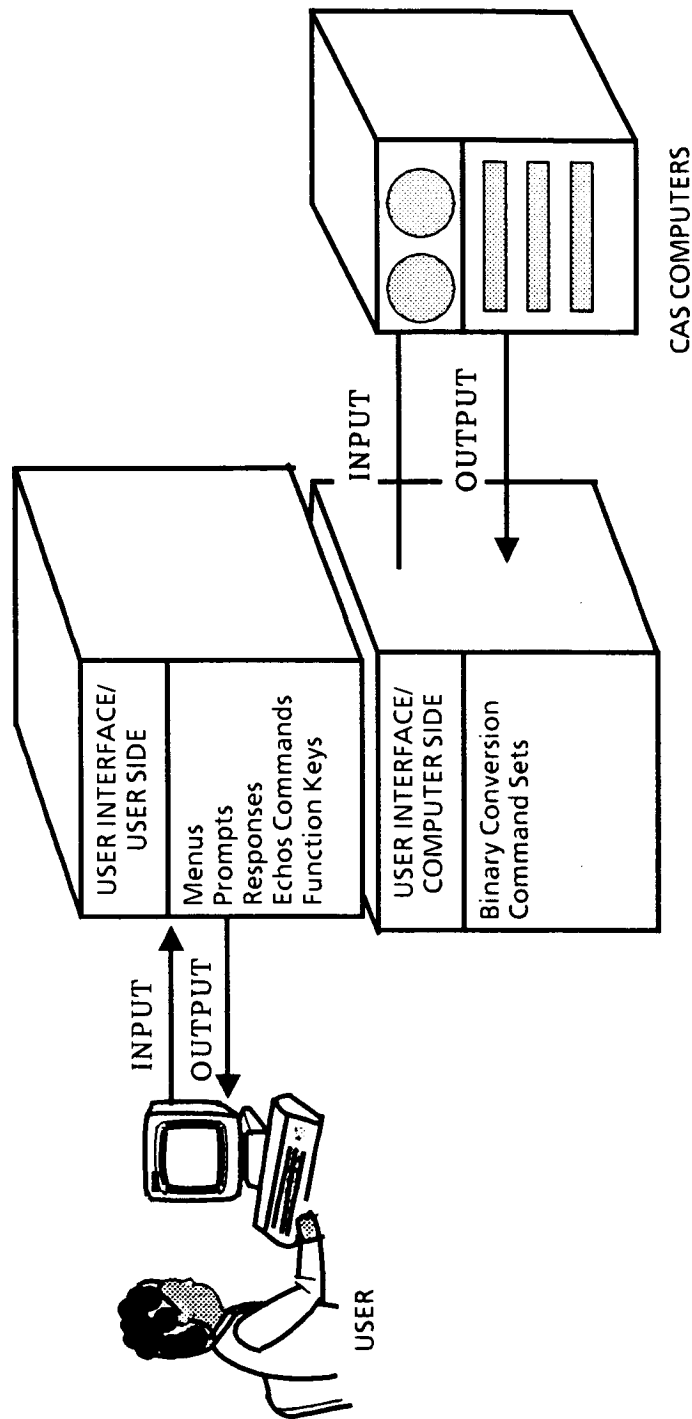


Figure 3-1. User Interface

SECTION 1 USER INTERFACE

CAS OUTPUT

CAS output to user (figure 3-1) is accomplished in the following ways:

- Prompts:
 - System generates prompts for commands and command arguments.
- Responses.
- Verification.
- Echo of all completed commands:
 - Completed commands are echoed on display.
- Function keys highlighted:
 - Advisory and report function keys are highlighted when information is in queue and waiting for user to view.

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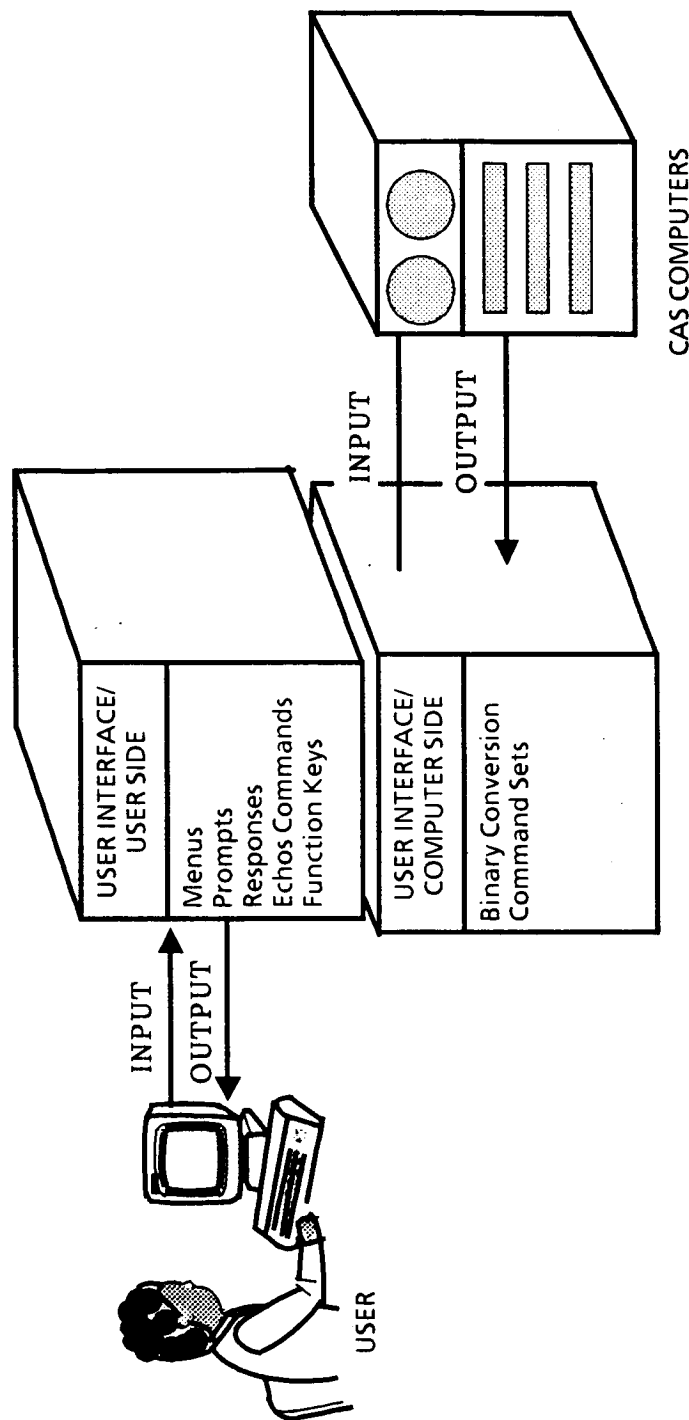


Figure 3-1. User Interface

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ADVISORY PROCESSING

All advisories are time-tagged notices of equipment condition and posture. The advisories are sent to health and status area in software where the message is logged and then the advisory portion is sent to the user interface.

The user interface (figure 3-1):

- Keeps an internal list of advisories placing the most important ones at the top. Advisories not necessarily in chronological order.
- If advisory line on display is clear, writes advisory on advisory line.
- If advisory line contains an advisory, places new advisory in a queue and highlights advisory function key on screen.
- Sends each advisory to history area in software.

The user:

- Must acknowledge each advisory. To acknowledge advisories, user presses advisory function key until highlighting is extinguished.
- Can view 17 prior advisories or commands by using the history function key.
- Can view all previous advisories by using logger function.

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USER INTERFACE****REPORT PROCESSING**

Reports are:

- Text files.
- Variable size (some have multiple screens).

The user interface:

- Keeps internal list of reports.
- Places report in a queue and highlights report function key. Up to 10 different reports are queued.
- Notifies user that report queue is full.

The user:

- Must acknowledge reports in a full queue or additional reports will have to be viewed manually.
- To view a report, the user presses the report function key until highlighting is extinguished.

SECTION 1 USER INTERFACE

REPORT PROCESSING (Cont.)

The display:

- Header area:
 - Tells user where report resides in the CAS.
 - Shows complete path and file name.
 - Information line displays line number of report.
- Active area:
 - Displays any 17 lines of the report.
- Control area:
 - Report light illuminates when a report is in queue.

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User interface screens:

- Provides user command, report, and menu choices.
- Displays CAS information to user.
- Provides user with command entry location.

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USER INTERFACE
SCREENS

Display is Workstation Master Menu
ws1 Menu name is 'master'

1 GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Real time support

2 Health and status

3 Logging functions

4 Delogging functions

5 Mission planning

6 Checkout Software

7 Utilities

2

3

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

Figure 3-2. Typical Screen

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A typical screen is pictured in figure 3-2. The screen is divided into three areas:

- 1 - Header area
- 2 - Active area
- 3 - Control area

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Display is Workstation Master Menu
ws1 Menu name is 'master' GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 = Real time support
- 2 = Health and status
- 3 = Logging function
- 4 = Delogging function
- 5 = Mission planning
- 6 = Checkout Software
- 7 = Utilities

ADV5
CNTRL

F1 = REPR F2 = TOP F3 = RPRT F4 = ADV5 F5 = HIST

ORIGINAL PAGE IS
OF POOR QUALITY

Figure 3-3. Header Area

SECTION 2 USER INTERFACE SCREENS

HEADER AREA

Header area (figure 3-3) contains:

- Display title.
 - Indicates contents of active area.
- Greenwich Mean Time (GMT).
 - XXX: XX: XX Day Hour Minute Second.
- Computer Identifier.
 - CAS workstation 1 (ws1).
 - CAS workstation 2 (ws2).
 - NDD workstation xxx (nnd1 - nnd4, nnd9).
- Additional display information:
 - Menu name.
 - Report orientation.
 - Command status.
 - Separator line. Separates header, active, and control areas.

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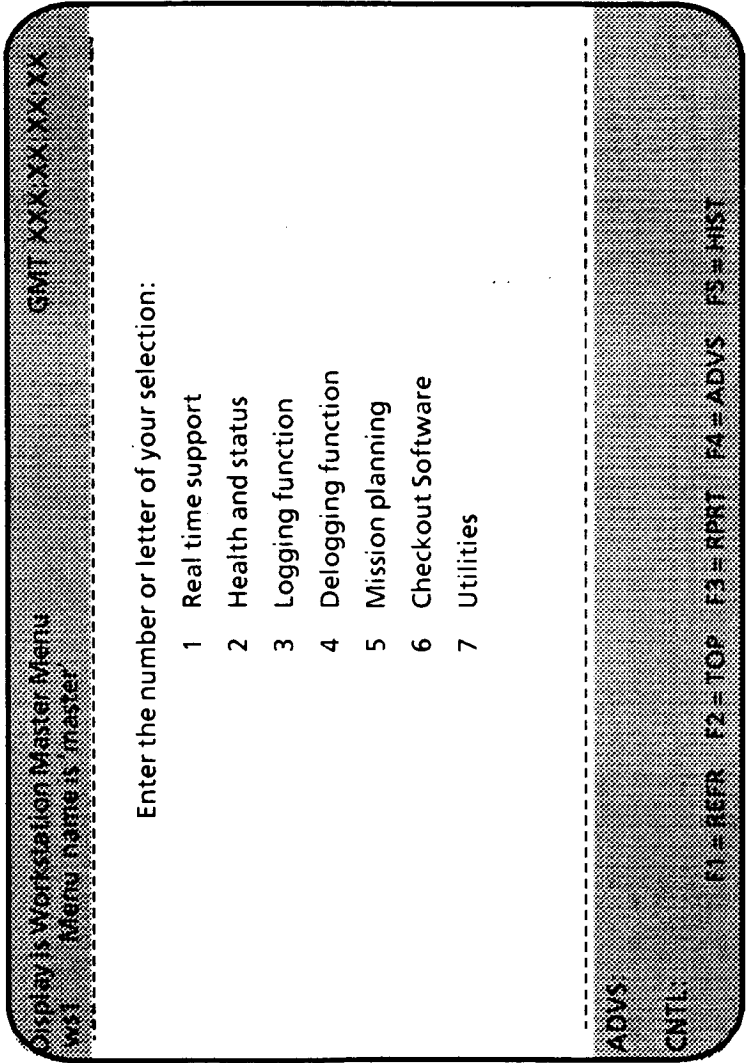


Figure 3-4. Active Area

SECTION 2 USER INTERFACE SCREENS

ACTIVE AREA

Active area (figure 3-4) contents vary with the display. The active area can contain:

- Other menus to select (figure 3-4).
- Command choices (figure 3-5).
- Reports (figure 3-6).
- Online histories.
 - Advisories.
 - Commands.

Active area (figure 3-4) shows master menu, listing other menus for selection.

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Display is Select Data Type By Which To Delog
ws1 Menu name is 'dlogreq'

GMT XXX:XX:XX:XX

Select the number or letter of your selection:

1 All Data types Contained in Log File

2 User Interface Messages

3 Health and Status Messages

4 Central Status and Control Messages

5 Data Cycle Packets

6 Data Cycle Packets from the Data Generator

7 NASCOM Blocks

8 NASCOM Blocks from Data Generator

9 Utility

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR

F2 = IOP

F3 = RPRT

F4 = ADVS

F5 = HIST

Figure 3-5. Data Type Delogging Menu

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USER INTERFACE SCREENS

ACTIVE AREA (Cont.)

Active area (figure 3-5) shows data type delogging menu, listing options for selection.

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Display is report 'cas/reports/OVERALL_REPORT' GMT XXX:XX:XX:XX

ws1 Top line on screen is line 1

CAS ws1 OVERALL SUMMARY REPORT

Overall Health:	GOOD	Number of Active Applications:	1
System: Load Averages	5-Min. 0.00	10-Min. 0.00	15-Min. 0.00
Disk Summary	Total: 0	Free: 0	Per.Cent Full: 0.00
support	Overall Health: GOOD	No. of Active Processes:	5
	Flt 1 Data Quality: OK	Flt 2 Data Quality:	OK
	Startup Time: 063:20:41:51	Last Status RCVD:	063:20:47:37

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

Figure 3-6. Report Display

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USER INTERFACE SCREENS

ACTIVE AREA (Cont.)

Active area (figure 3-6) shows a typical report display.

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Display is Workstation Master Menu
ws1 Menu name is 'master' GMT XXX.XX.XX.XX.XX

Enter the number or letter of your selection:

- 1 = Real time support
- 2 = Health and status
- 3 = Logging functions
- 4 = Debugging functions
- 5 = Mission planning
- 6 = Checkout Software
- 7 = Utilities

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

ORIGINAL PAGE IS
POOR QUALITY

Figure 3-7. Control Area

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USER INTERFACE SCREENS****CONTROL AREA**

Control area (figure 3-7) contains:

- Separator line.
- Advisory line (ADVS).
 - All advisories appear on this line.
- Prompt/Response (P/R) line.
 - System prompts and responses to user input appear on this line.
- Control line (CNTL).
 - All user input appears on this line as entry is accepted.
 - Completed commands are echoed on this line.
- Status line.
 - Function key definitions.
 - Function key lights.

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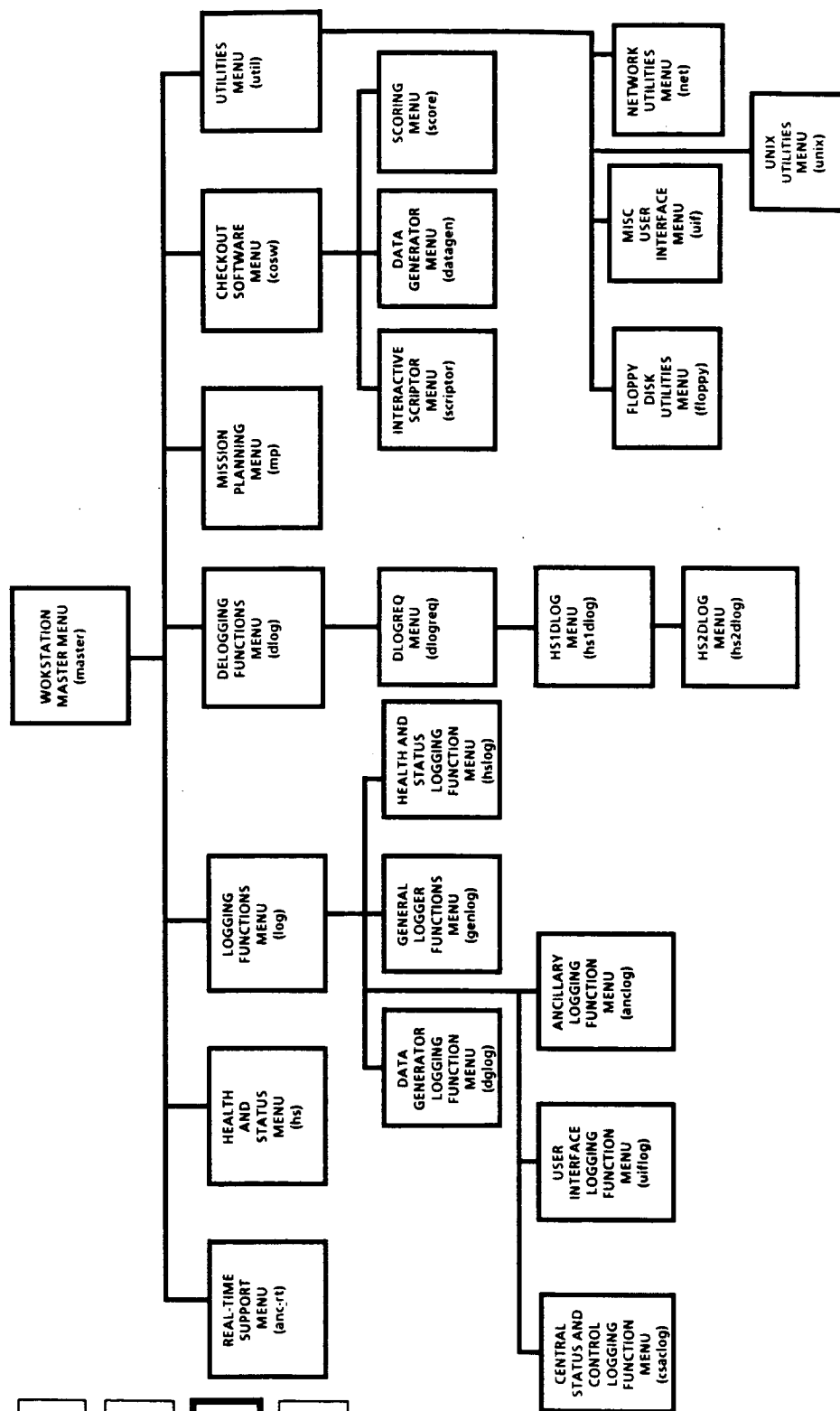


Figure 3-8. Workstation Menu Hierarchy

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MENU HIERARCHY

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The hierarchy of workstation menus is shown in figure 3-8.

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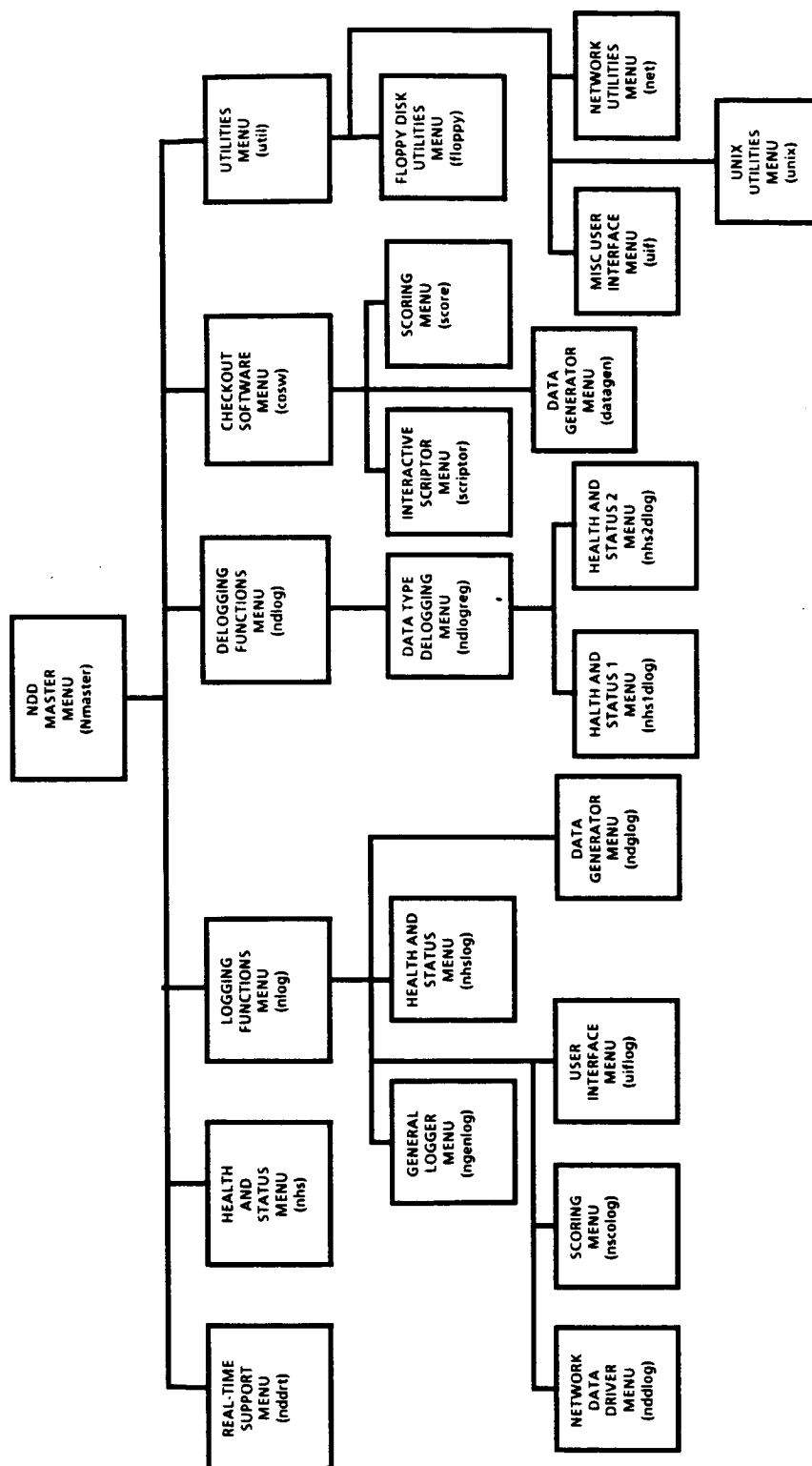


Figure 3-9. NDD Menu Hierarchy

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The hierarchy of NDD menus is shown in figure 3-9.

SECTION 4 PROCEDURE FORMAT

The procedures presented within this guide are formatted in the following manner:

- Page is divided into three areas:
 - Description.
 - Display.
 - Procedure.
- Highlighting/Bolding:
 - Highlighting portions of displays.
 - Bolding text.
- Procedure Syntax:
 - Labeling conventions.
 - Shows words used in commands or screen displays.

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PROCEDURE FORMAT

DISPLAY

DESCRIPTION

- Menu Command
The menu command allows user to select desired menu no matter where the user is in the menu hierarchy.

User must know the name of the desired menu. Menu name is shown on display as **Menu name is ' '**.

Display is Workstation Master Menu

ws1 Menu name is 'master'

Enter the number or letter of your selection:

1 Real-time support

2 Health and status

3 Logging functions

4 Delogging functions

5 Mission planning

6 Checkout software

7 Utilities

ADV\$:

CNTL: menu hs

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

GMT XXX:XX:XX

PROCEDURE

- To use menu command:
--Type menu (name of menu)
--Press <RETURN>.

Figure 3-10. Typical Procedure Page

SECTION 4 PROCEDURE FORMAT

PAGE LAYOUT

The page is landscaped (figure 3-10) and divided into three sections:

- Description.
- Display.
- Procedure.

Description section:

- Introduces procedure.
- Describes displays and special keys used in procedure.

Display section:

- Shows keys on keyboard used in procedure.
- Shows VDT screen during procedure.

Procedure section:

- Provides step-by-step instructions for implementing operations.

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SYMBOLOLOGY

Symbolology used in procedures consists of:

- Highlighting.
- Bolding.
- Underlining.
- Angle brackets.

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Display is Workstation Master Menu
ws1 Menu name is 'master'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Real time support
- 2 Health and status
- 3 Logging functions
- 4 De logging functions
- 5 Mission planning
- 6 Checkout Software
- 7 Utilities

ADV5:
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADV5 F5 = HIST

ORIGINAL PAGE IS
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Figure 3-11. Example of Highlighting

SECTION 4 PROCEDURE FORMAT

HIGHLIGHTING

Highlighting is used on displays and diagrams to emphasize display areas or information described in text. Areas not related to supporting text are masked off in shaded areas.

Example (figure 3-11):

The header area of a display contains:

- Display title.
- Greenwich Mean Time (GMT).
- Computer identifier.
- Additional display information.

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PROCEDURE FORMAT

DESCRIPTION

- Messages
Command **IGNORED**

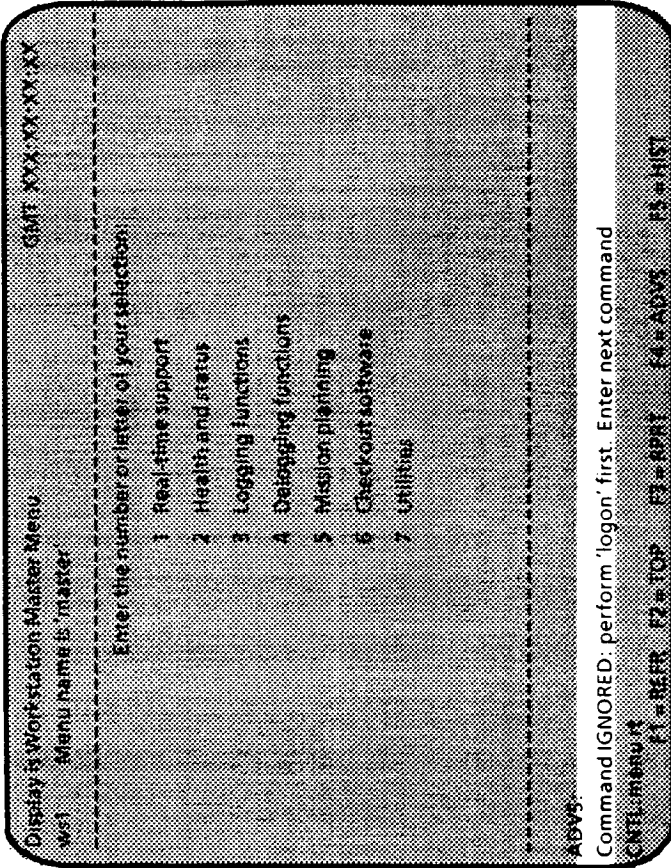
When an invalid command is entered, system responds with **Command IGNORED**

Logon first

Any attempt to select menu item before performing logon procedure generates an error message:

Command IGNORED: perform 'logon' first. Enter next command

DISPLAY



PROCEDURE

- To clear error message off screen:
-- Press <RETURN>.
- Perform Entering Logon Procedure.

Figure 3-12. Example of Bolding

SECTION 4
PROCEDURE FORMAT

BOLDING

Bolded text indicates system messages and prompts shown in the display section of the procedures.

Example (figure 3-12):

Any attempt to manipulate menu before logging on generates error message:

Command IGNORED;perform 'logon' first. Enter next command.

The error message is **BOLDED** and written as shown in the display section of the procedures.

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SECTION 4
PROCEDURE FORMAT

DESCRIPTION

- Menu Command
Menu command allows user to select desired menu no
matter where user is in menu hierarchy.
- User must know name of desired menu. Menu name is
shown on display as **Menu name is ' '**.

DISPLAY

Display is Workstation Master Menu
ws1 Menu name is 'master'

Enter the number or letter of your selection:
1 Real-time support
2 Health and status
3 Logging functions
4 Delogging functions
5 Mission planning
6 Checkout software
7 Utilities

ADVS:

CNTL: menu hs
F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To use menu command:
--Type menu (name of menu)
--Press <RETURN>.

Figure 3-13. Example of Underlining

SECTION 4 PROCEDURE FORMAT

UNDERLINING

Underlined text indicates information entered on keyboard by user.

Example (figure 3-13):

Type menu (name of menu).

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DESCRIPTION

- Menu Command
The menu command allows user to select desired menu no matter where the user is in the menu hierarchy.
- User must know the name of the desired menu. Menu name is shown on display as **Menu name is ' '**.

DISPLAY

Display is Workstation Master Menu
ws1 Menu name is 'master'

Enter the number or letter of your selection:
1 Real-time support
2 Health and status
3 Logging functions
4 Delogging functions
5 Mission planning
6 Checkout software
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ADVS:
CNTL: menu hs
F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To use menu command:
--Type menu (name of menu)
--Press <RETURN>.

Figure 3-14. Example of Angle Brackets

SECTION 4 PROCEDURE FORMAT

ANGLE BRACKETS

Text surrounded by a left < angle bracket and right > angle bracket indicates a key on the keyboard.

Example (figure 3-14):

- Press <RETURN>.

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ENTERING LOGON PROCEDURES

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DESCRIPTION

● ENTERING LOGON PROCEDURES

Logon identifies user as authorized to access computer.

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DISPLAY

Display is Workstation Master Menu

ws1 Menu name is 'master'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Real-time support

2 Health and status

3 Logging function

4 Delogging function

5 Mission planning

6 Checkout Software

7 Utilities

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- Observe any user interface menu is displayed on screen.

DESCRIPTION

- ENTERING LOGON PROCEDURES (Cont.)

Begins logon command sequence.

Entering account name. Account name is assigned to each user or a specific group of users.

COMMENTS:

Account name in display is for example only and not valid for actual use.

DISPLAY

Display a Workstation Master Menu
wst1 Menu name is 'master'

Enter the number or letter of your selection:

- 1 Real-time support
- 2 Health and status
- 3 Logging function
- 4 Debugging function
- 5 Mission planning
- 6 Checkout Software
- 7 Utilities

Enter account name (1~8 chars =)

GMT XXX.XX.XX.XX

ADVS

CNTL

F1=REF F2=TOP F3=RPRT F4=ADVS F5=HIST

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- To enter logon:
 - Type logon.
 - Press <RETURN>.
 - Observe following prompt appears:
Enter account name (1~8 chars =):
- To enter account name.
 - Type (account name).
 - Press <RETURN>.

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DESCRIPTION

- ENTERING LOGON PROCEDURES (Cont.)

Entering password. Password identifies a specific user within an account.

COMMENTS:

Password is not echoed on CNTL: line.

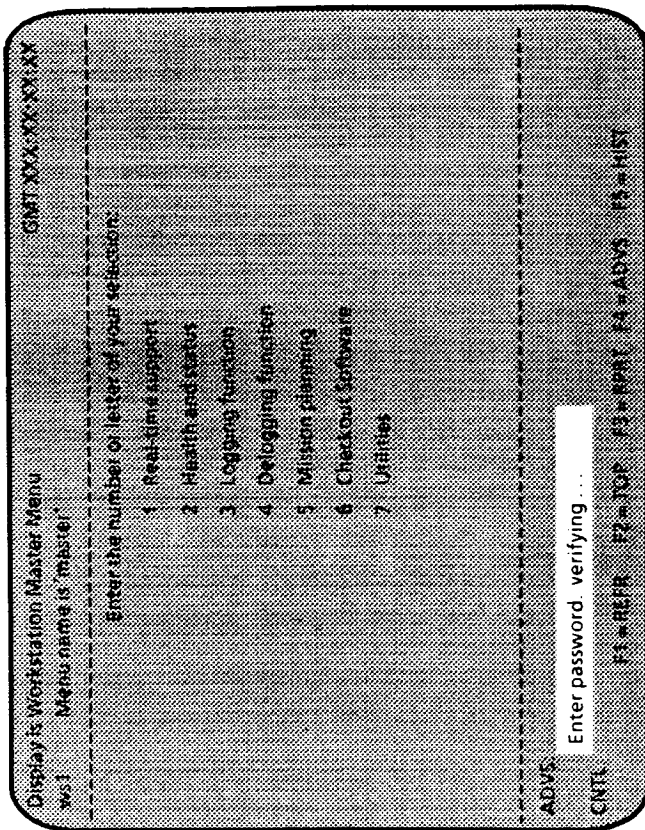
Depending on system load, verification of password may take several seconds.

PROCEDURE

- To enter password:
 - Observe following prompt appears:
Enter password
 - Type (password).
 - Press <RETURN>.

- Observe P/R line reads:
Enter password. verifying ...

DISPLAY



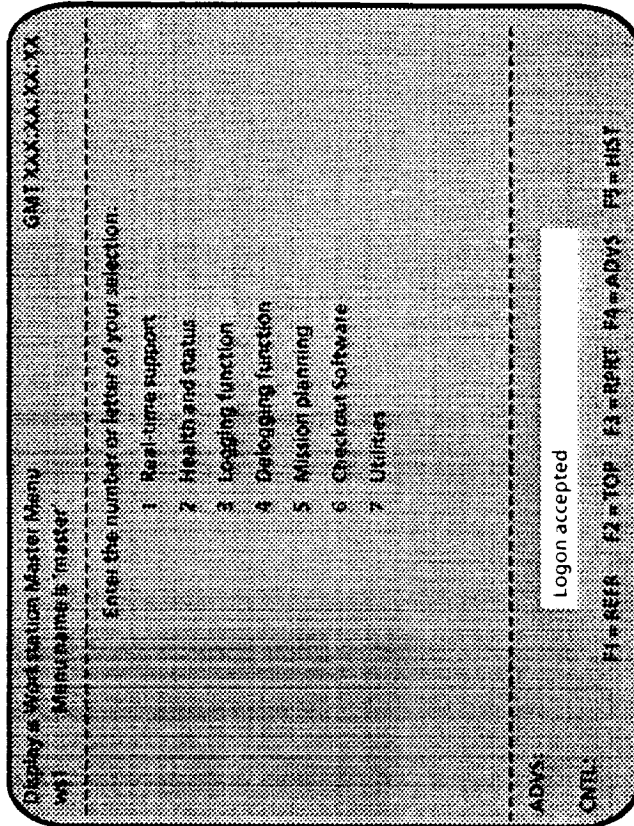
DESCRIPTION

- ENTERING LOGON PROCEDURES (Cont.)

Logon accepted. If account name and password are correct, system accepts logon and logon sequence is completed.

Logon rejected. If logon is rejected, check for correct account name and password. If account and password are correct, repeat procedures. If logon still fails, check with system manager.

DISPLAY



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PROCEDURE

- If logon is accepted:

--Observe P/R line reads:

Logon accepted

- If logon is rejected:

--Observe P/R line reads:

Logon rejected

--Verify correct account name and password.

--Repeat entering logon procedures.

--If logon still fails, check with system manager.

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DESCRIPTION

- TIME SAVER PROCEDURE

Once familiar with logging on to CAS, logon sequence can be simplified.

DISPLAY

Display is Workstation Master Menu
ws1 Menu name is 'master' GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Real-time support

2 Health and status

3 Logging function

4 Delogging function

5 Mission planning

6 Checkout Software

7 Utilities

ADVS:
Logon accepted
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To logon:
 - Type logon (account name)
 - Press <RETURN>.
 - Observe following prompt appears:
Enter password

- Type (password).
- Press <RETURN>.
- Observe P/R line reads:
Enter password. verifying ...
- Observe P/R line reads:
Logon accepted

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ERROR MESSAGES

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DESCRIPTION

● ERROR MESSAGES

Command ignored. When an invalid command is entered, system responds with:

Command IGNORED

Logon first. Any attempt to select menu item before performing logon procedure generates an error message:

Command IGNORED: perform 'logon' first. Enter next command

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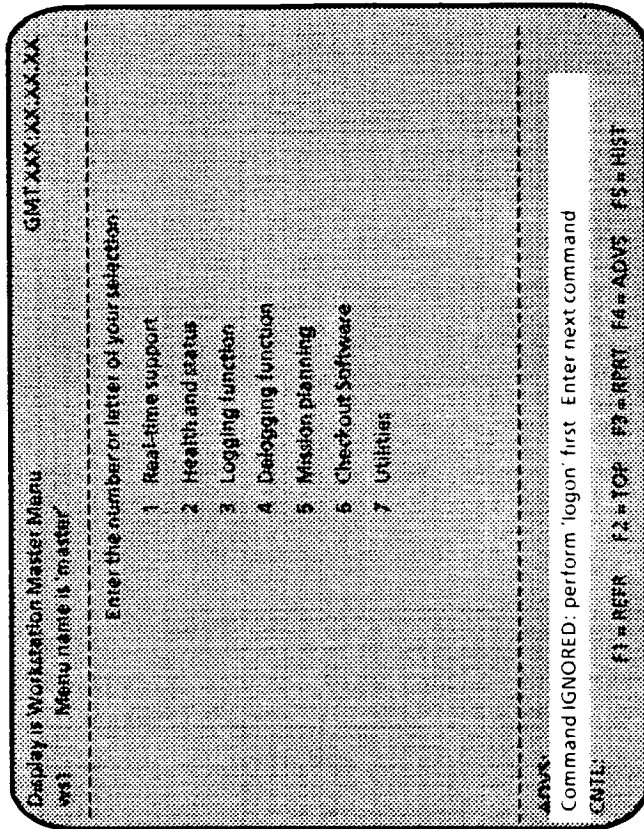
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DISPLAY



PROCEDURE

- To clear error message off screen:
--Press <RETURN>.
- Perform entering logon procedures

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SELECTING MENU ITEMS PROCEDURES

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DESCRIPTION

● SELECTING MENU ITEMS PROCEDURES

There are three ways to select menu items:

By number.

By letter.

By name.

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DISPLAY

Display is Network Data Driver Master Menu

ndd1 Menu name is 'Nmaster'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Real time support

2 Health and status

3 Logging function

4 Delogging function

5 Checkout Software

6 Utilities

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- (None)

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SELECTING MENU ITEMS BY NUMBER PROCEDURE

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DESCRIPTION

- SELECTING MENU ITEMS BY NUMBER
PROCEDURE

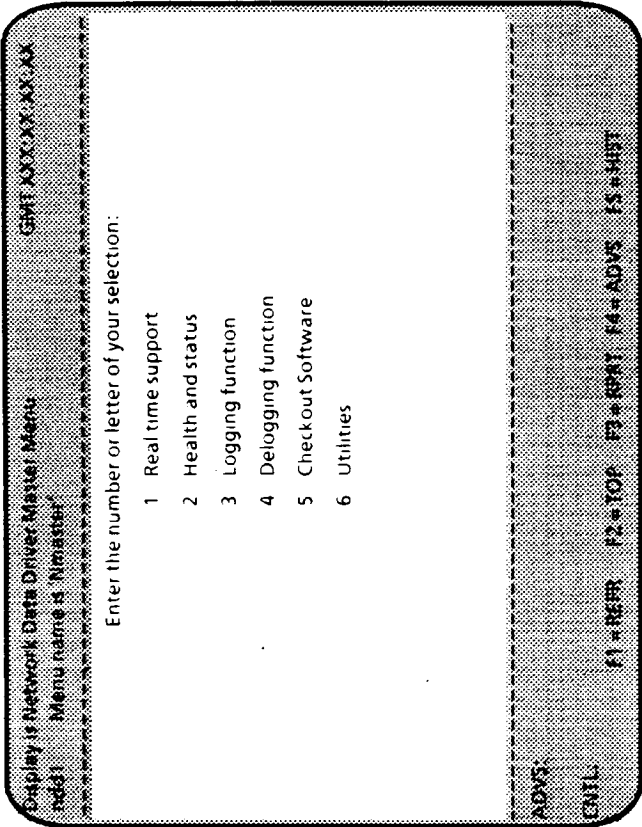
Each menu item has a number.

Entering menu item number from displayed menu selects desired menu item.

Example:

Call up health and status menu.

DISPLAY



PROCEDURE

- To call up menu item by number:
--Type (menu item number).
--Observe selected item appears.

EXAMPLE:

- To call up health and status menu by number:
--Type 2.
--Observe health and status menu appears.

DESCRIPTION

- **SELECTING MENU ITEMS BY NUMBER PROCEDURE (Cont.)**

Example (Cont.)

Returning to master menu.

DISPLAY

Display is Network Data Driver Health and Status Menu GMT XXX:XX:XX
 ndd1 Menu name is 'nhs'

Enter the number or letter of your selection:

- 1 Application Report
- 2 Interface Report
- 3 Log Report
- 4 Overall Report
- 5 Send Central Status and Control
- 6 Restart Health and Status
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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EXAMPLE (Cont.):

- To return to master menu:
 --Type 0.
 --Observe master menu appears.

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SELECTING MENU ITEMS BY LETTER PROCEDURE

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DESCRIPTION

- SELECTING MENU ITEMS BY LETTER
PROCEDURE

Entering first initial of menu item and
<RETURN> calls up new selection.
Operator must be in a menu that shows
desired menu item in active area

Command rules:

Letter *must* be uppercase.

Example:

Call up health and status menu.

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DISPLAY

Display is Network Data Driver Master Menu.
Menu name is 'Nmaster'

GMT XXX:XX.XX

Enter the number or letter of your selection:

1 Real time support
2 Health and status
3 Logging function
4 Delogging function
5 Checkout Software
6 Utilities

ADV5
ENTL

F1=REFR F2=TOP F3=RPRT F4=ADV5 F5=HIST

PROCEDURE

- To call up menu item by letter:
 - Type first letter of menu item.
 - Press <RETURN>.
 - Observe selected item appears.

EXAMPLE:

- To call up health and status menu by letter:
 - Type H.
 - Press <RETURN>.
 - Observe health and status menu appears.

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SELECTING MENU ITEMS BY NAME PROCEDURE

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DESCRIPTION

● SELECTING MENU ITEMS BY NAME
PROCEDURE

Every menu has a unique name. Name appears in header area of display:

Menu name is 'nhs'

Selecting menu items by name is feature used by operators familiar with menu names.

Knowing menu name, operators can call up menu regardless of where operator is in menu hierarchy.

Command Rules:

Command must be lowercase.

Command Syntax:

menu (name of menu)

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DISPLAY

Display is Network Data Driver Health and Status Menu GMT XXX:XX:XX:XX

ndd1 Menu name is 'nhs'

Enter the number or letter of your selection:

1 Application Report

2 Interface Report

3 Log Report

4 Overall Report

5 Send Central Status and Control

6 Restart Health and Status

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To select menu item by name:
 - Type menu (name of menu).
 - Press <RETURN>.
 - Observe selected item appears.

EXAMPLE:

- To select health and status menu by name:
 - Type menu nhs.
 - Press <RETURN>.
 - Observe health and status menu appears.

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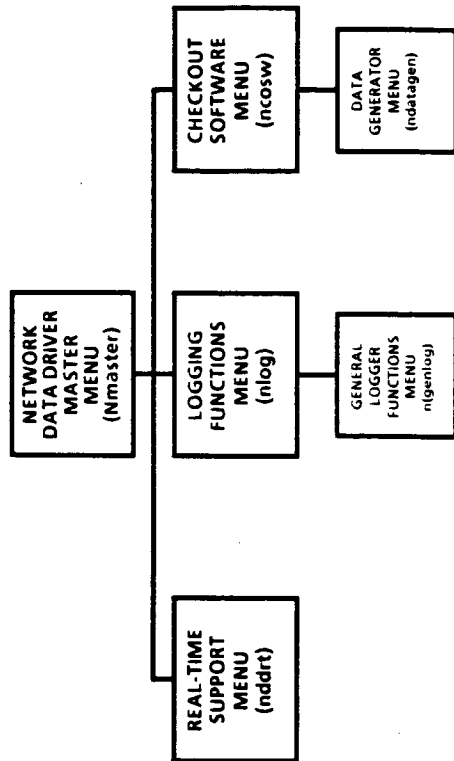
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DESCRIPTION

- Requisites

User should be familiar with menu hierarchy.
(Refer to chapter 3 introduction to operation.)

DISPLAY



Example of Menu Hierarchy

PROCEDURE

- (None)

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DESCRIPTION

- TOP KEY <F2> AND TOP KEY LABEL (F2 = TOP) PROCEDURE

Workstation master menu is top menu in workstation menu hierarchy.

Network data driver master menu (shown at right) is top menu in NDD menu hierarchy.

Pressing top key <F2> returns display to master menu, regardless of where user is in menu hierarchy.

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DISPLAY

Top Menu in NDD Menu Hierarchy

Display is Network Data Driver Master Menu
 ndd1 Menu name is 'Nmaster'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Real time support
 2 Health and status
 3 Logging function
 4 Delogging function
 5 Checkout Software
 6 Utilities

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To return to top menu (master menu):
 --Press <F2>.
 --Observe master menu appears.

DESCRIPTION

- **ZERO OPTION PROCEDURE**

Zero (0) option on menus returns display to previous menu in menu hierarchy.

COMMENTS:

All menus have zero menu choice except master menu. (Master menu is at top of hierarchy and therefore has no previous menu.)

DISPLAY

Display is Network Data Driver Health and Status Menu		GMT XXX:XX:XX:XX
ndd1	Menu name is 'nhs'	

Enter the number or letter of your selection:		
1	Application Report	
2	Interface Report	
3	Log Report	
4	Overall Report	
5	Send Central Status and Control	
6	Restart Health and Status	
0	BACK to previous menu	

ADVS:		
CNTL:	F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST	

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PROCEDURE

- To go to previous menu:
 - Type 0.
 - Observe previous menu appears.

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DESCRIPTION

● MENU COMMAND PROCEDURE

Menu command allows user to select desired menu no matter where user is in menu hierarchy.

User must know name of desired menu.

Menu name is shown on display as
Menu name is ' '.

Menu command is used by typing word menu followed by name of desired menu.

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DISPLAY

Display is Network Data Driver Master Menu

Menu name is 'Nmaster'

Enter the number or letter of your selection:

- 1 Real time support
- 2 Health and status
- 3 Logging function
- 4 Delogging function
- 5 Checkout Software
- 6 Utilities

GMT XXX:XX:XX.XX

ADV3

ENTL

F1 = REPR F2 = TOP F3 = RPR1 F4 = ADV5 F5 = HIST

PROCEDURE

- To use menu command:
 - Type menu (name of menu).
 - Press <RETURN>.
 - Observe selected menu appears.

DESCRIPTION

- **TIME SAVER PROCEDURE**

Knowledgeable users can bypass menus by using unique commands.

Every selection on a menu has a unique command. (For a list of commands, refer to appendix A.)

Whenever a menu item is selected (by number, letter, or command), unique command is echoed on **CNTL:** line.

Commands, as well as responses to prompts, are entered on P/R line.

Using commands, user can go from menu to menu and menu item to menu item without regard to location within a hierarchy or menu displayed.

DISPLAY

Display is Network Data Driver Master Menu
 ndd1 Menu name is 'Nmaster'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Real time support
- 2 Health and status
- 3 Logging function
- 4 Delogging function
- 5 Checkout Software
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ADVS:

CNTL:hsapp support

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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EXAMPLE:

- To select health and status application summary report for support application:
 - Type happreport.
 - Observe health and status application summary report appears.

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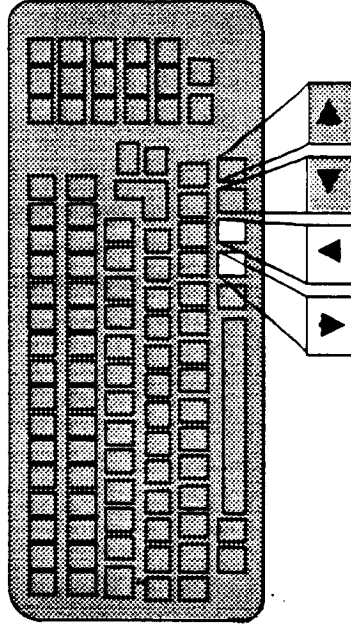
- **ARROW KEY PROCEDURES**

There are four arrow keys. Only up and down arrows are currently used.

Arrow keys are used to scroll through reports.

Up arrow < ↑ > - scrolls active area of display up one line.

Down arrow < ↓ > - scrolls active area of display down one line.


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PROCEDURE

- (None)

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DESCRIPTION

- UP AND DOWN ARROW KEYS
PROCEDURE

Up arrow key scrolls active area of display up
one line each time key is pressed.

Down arrow key scrolls active area of display
down one line each time key is pressed.

DISPLAY

Display is report 'cas/reports/OVERALL_REPORT'

ndd1 Top line on screen is line 1

CAS ndd1 OVERALL SUMMARY REPORT

Overall Health: GOOD Number of Active Applications: 1

System: Load Averages 5-Min: 0.00 10-Min: 0.00 15-Min: 0.00

Disk Summary Total: 0 Free: 0 Per Cent Full: 0.00

support Overall Health: GOOD No. of Active Processes: 5

Flt 1 Data Quality: OK Flt 2 Data Quality: OK

Startup Time: 063:20:41:51 Last Status Rcvd: 063:20:47:37

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL:

PROCEDURE

- To scroll display up one line:
--Press < ↑ >
- To scroll display down one line:
--Press < ↓ >
- Observe active area of screen scrolls up one line.
- Observe active area of screen scrolls down one line.

DESCRIPTION

- LINE COMMANDS PROCEDURE

Line command:

Advances specified number of lines.

Backs up specified number of lines.

Searches to specified line number.

Header area identifies line currently at top of screen:

Top line on screen is line 1

DISPLAY

Display is report 'cas/reports/OVERALL_REPORT' GMT XXX:XX:XX:XX

ndd1 Top line on screen is line 1

CAS ndd1 OVERALL SUMMARY REPORT

Overall Health:	GOOD	Number of Active Applications: 1	
System Load Averages	5-Min. 0.00	10-Min. 0.00	15-Min. 0.00
Disk Summary	Total: 0	Free: 0	Per Cent Full: 0.00
support	Overall Health: GOOD	No. of Active Processes: 5	
	Flt 1 Data Quality: OK	Flt 2 Data Quality: OK	
	Startup Time: 063:20:41:51	Last Status Rcvd: 063:20:47:37	

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- (None).

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DESCRIPTION

- LINE COMMANDS PROCEDURE (Cont.)

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Line command:

Advances specified number of lines

Command syntax:

line +(number of lines to advance)

DISPLAY

Display is report 'cas/reports/OVERALL_REPORT'

ndd1 Top line on screen is line 1

CAS ndd1 OVERALL SUMMARY REPORT

Overall Health: GOOD Number of Active Applications: 1

System: Load Averages 5-Min 0.00 10-Min 0.00 15-Min 0.00

Disk Summary Total: 0 Free: 0 Per Cent Full: 0.00

support Overall Health: GOOD No. of Active Processes: 5

Flt 1 Data Quality: OK Flt 2 Data Quality: OK

Startup Time: 063:20:41:51 Last Status Rcvd: 063:20:47:37

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL:

PROCEDURE

- To advance a specified number of lines:
 - Type line +(number of lines to advance).
 - Press <RETURN>.
 - Observe active area of advances specified number lines.

EXAMPLE:

- To advance two lines:
 - Type line +2.
 - Press <RETURN>.
 - Observe active area of screen advances two lines.

DESCRIPTION

- LINE COMMANDS PROCEDURE (Cont.)

Line command:

Backs up specified number of lines

Command syntax:

line -(number of lines to back up)

DISPLAY

Display is report 'cas/reports/OVERALL_REPORT'

ndd1 Top line on screen is line 3

System: Load Averages

5-Min 0.00

10-Min 0.00

15-Min 0.00

Disk Summary

Total: 0

Free: 0

Per Cent Full: 0.00

support

Overall Health: GOOD

No. of Active Processes: 5

Flt 1 Data Quality: OK

Flt 2 Data Quality: OK

Startup Time: 063:20:41:51

Last Status Rcvd: 063:20:47:37

ADV5:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADV5 F5 = HIST

CNTL:

PROCEDURE

- To back up a specified number of lines:
 - Type line -(number of lines to back up).
 - Press <RETURN>.
 - Observe active area of backs up specified number lines.

EXAMPLE:

- To back up one line:
 - Type line -1.
 - Press <RETURN>.
 - Observe active area of screen backs up one line.

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DESCRIPTION

- LINE COMMANDS PROCEDURE (Cont.)

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Line command:

Searches to specified line number.

Command syntax:

line (line number)

DISPLAY

Display is report 'cas/reports/OVERALL_REPORT'

ndd1 Top line on screen is line 2

Overall Health: GOOD Number of Active Applications: 1

System: Load Averages 5-Min 0.00 10-Min 0.00 15-Min 0.00

Disk Summary Total: 0 Free: 0 Per Cent Full: 0.00

support Overall Health: GOOD No of Active Processes: 5

Flt 1 Data Quality: OK Flt 2 Data Quality: OK

Startup Time: 063:20:41:51 Last Status Rcvd: 063:20:47:37

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL:

PROCEDURE

- To search to a specified line number:
 - Type line (line number).
 - Press <RETURN>.
 - Observe top line of active area is specified line number.

EXAMPLE:

- To search to line number one:
 - Type line 1.
 - Press <RETURN>.
 - Observe top line of active area is line one.

DESCRIPTION

- PAGE COMMANDS PROCEDURE

Page command:

- Advances specified number of pages.
- Backs up specified number of pages.
- Searches to specified page.
- Searches to last page.

DISPLAY

Display is report 'cas/reports/OVERALL_REPORT'

ndd1 Top line on screen is line 1

CAS ndd1 OVERALL SUMMARY REPORT

Overall Health: GOOD

System: Load Averages 5-Min 0.00 10-Min 0.00 15-Min 0.00

Disk Summary Total: 0 Free: 0 Per Cent Full: 0.00

support Overall Health: GOOD

Fit 1 Data Quality: OK

Startup Time: 063:20:41:51

No. of Active Processes: 5

Fit 2 Data Quality: OK

Last Status Rcvd: 063:20:47:37

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To advance a specified number of pages:
 - Type page +(number of pages to advance).
 - Press <RETURN>.
 - Observe active area advances specified number of pages.
- To back up a specified number of pages:
 - Type page -(number of pages to back up).
 - Press <RETURN>.
 - Observe active area backs up specified number of pages.

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PROCEDURE (Cont.)

- To search to a specified page:
 - Type page number.
 - Press <RETURN>.
 - Observe active area displays specified page.

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- To search to last page:
 - Type page end.
 - Press <RETURN>.
 - Observe active area displays last page.
- Or, to search to last page:
 - Type page last.
 - Press <RETURN>.
 - Observe active area displays last page.

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FUNCTION KEYS DESCRIPTION

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FUNCTION KEYS

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Advisory Key (F4=ADVS)	4-58
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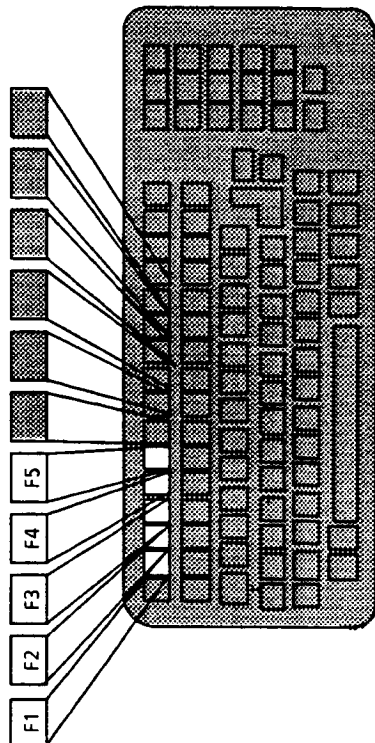
DESCRIPTION

- **FUNCTION KEYS**

Function keys are specially-programmed keys located on top row of keyboard.

There are eleven function keys. Only function keys <F1> through <F5> are used.

DISPLAY



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PROCEDURE

- (None),

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DESCRIPTION

● FUNCTION KEYS (Cont.)

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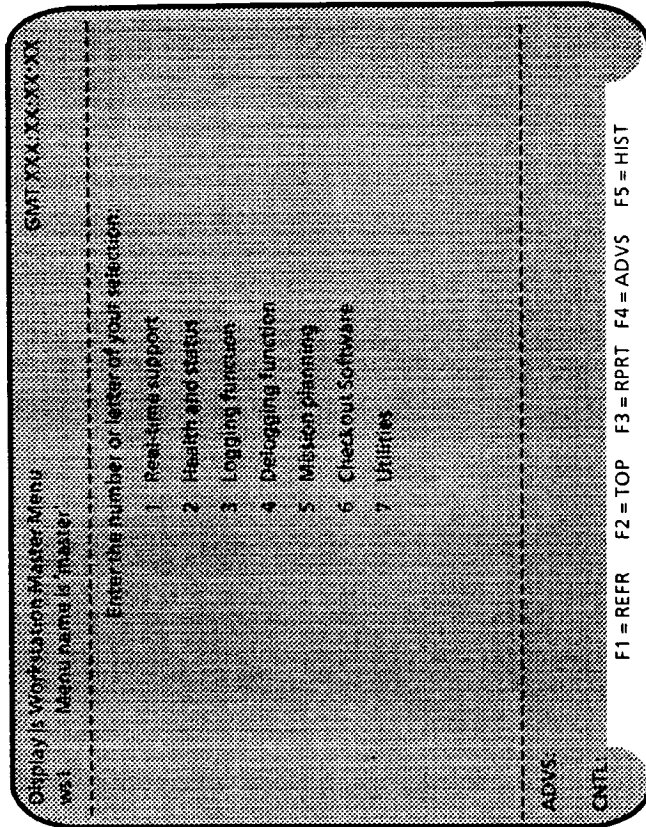
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Function key indicators are labeled on bottom of each display.

Function key indicator labels are same on each display.

DISPLAY



PROCEDURE

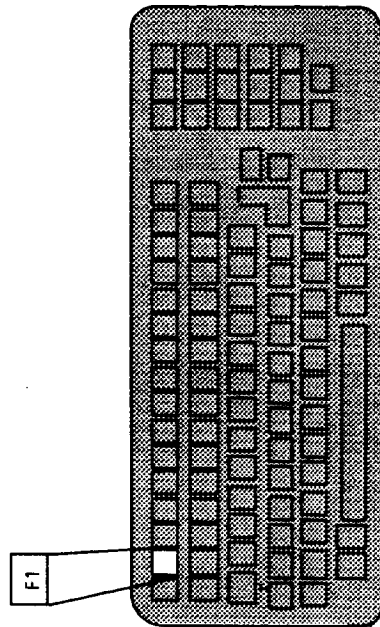
- (None)

DESCRIPTION

- REFRESH KEY <F1>

Refresh key clears screen then writes current display on screen.

Refresh is used when VDT is switched from one computer to another.

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- To refresh screen:
--Press <F1>.

DISPLAY

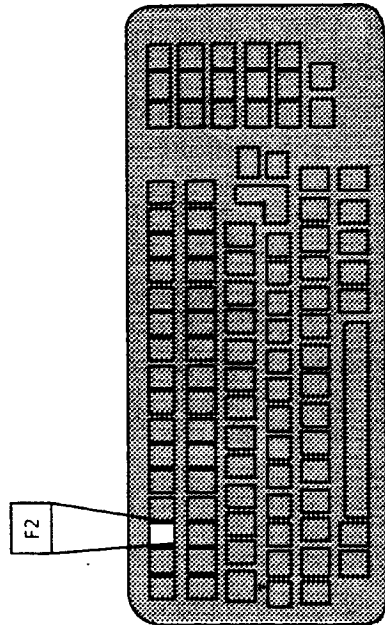
DESCRIPTION

- TOP KEY <F2>

Top key performs one of two functions when pressed:

- When viewing reports, displays first page of report.
- When viewing a menu, displays master menu.

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PROCEDURE

- With report on screen, to go to first page of report:
--Press <F2>.
- With menu on screen, to return to master menu:
--Press <F2>.

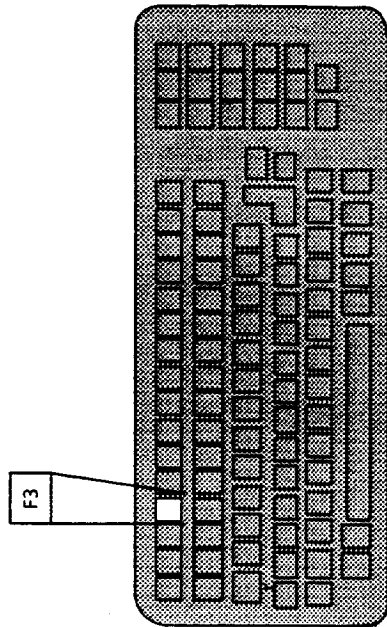
DESCRIPTION

- **REPORT KEY <F3> AND REPORT KEY INDICATOR (F3 = RPRT)**

Indicator - when **F3 = RPRT** is highlighted on screen, a report is queued. (For information on reports and queues, refer to chapter 3.)

View - Pressing report key <F3> when **F3 = RPRT** is highlighted on screen, displays report in queue.

Pressing report key <F3> when **F3 = RPRT** is not highlighted on screen, redisplay last report viewed.

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- (None)

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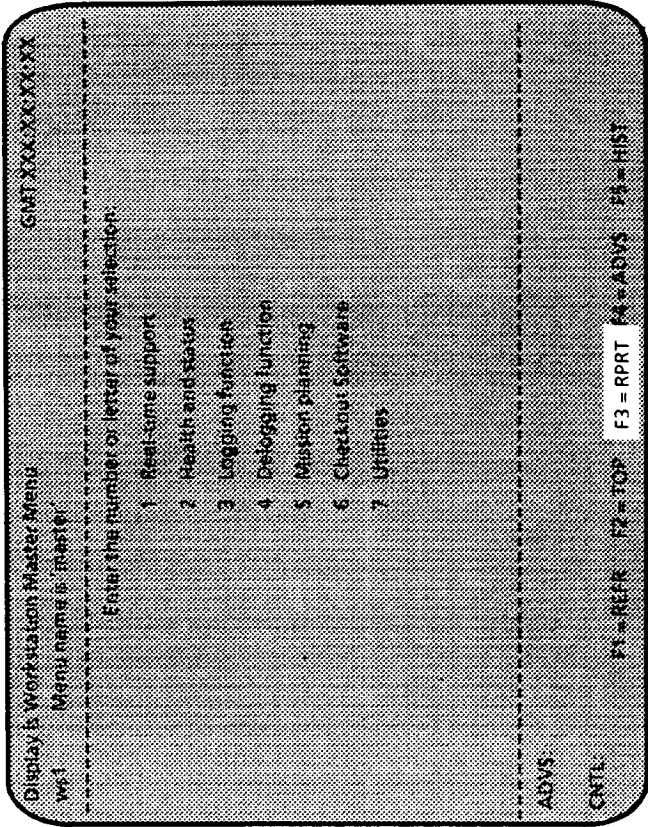
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DESCRIPTION

- REPORT KEY <F3> AND REPORT KEY INDICATOR (F3 = RPRT) (Cont.)

Indicator - when F3 = RPRT is highlighted on screen, one or more reports are queued.

DISPLAY



PROCEDURE

- (None)

DESCRIPTION

- **REPORT KEY <F3> AND REPORT KEY INDICATOR (F3 = RPRT) (Cont.)**
View - Pressing report key <F3> when **F3 = RPRT** is highlighted on screen, displays next report in queue.
Pressing report key <F3> when **F3 = RPRT** is not highlighted on screen, redisplay last report viewed.

DISPLAY**Typical Report**

Display is report 'cas/reports/OVERALL_REPORT' GMT XXX:XX:XX:XX
ws1 Top line on screen is line 1

CAS ws1 OVERALL SUMMARY REPORT

Overall Health:	GOOD	Number of Active Applications:	1
System: Load Averages	5-Min. 0.00	10-Min. 0.00	15-Min. 0.00
Disk Summary	Total: 0	Free: 0	Per Cent Full: 0.00

support Overall Health: GOOD No. of Active Processes: 5
Flt 1 Data Quality: OK Flt 2 Data Quality: OK
Startup Time: 063:20:41:51 Last Status Rcvd: 063:20:47:37

ADVS:

CNTL: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To view next report in queue or last report:
--Press <F3>.

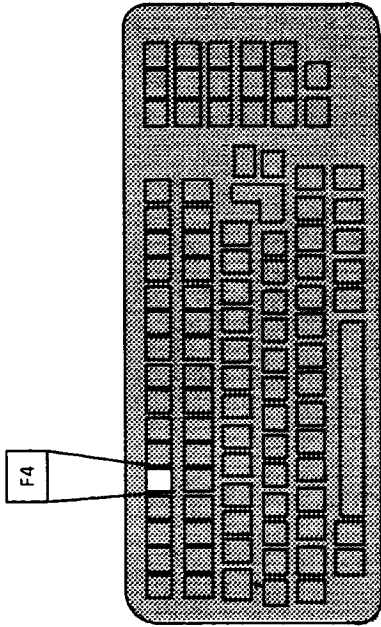
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DESCRIPTION

- ADVISORY KEY <F4> AND ADVISORY KEY INDICATOR (F4 = ADVS)

Indicator - when **F4 = ADVS** is highlighted on screen, an advisory is queued. (For information on advisories and queues, refer to chapter 3.)

View - Pressing advisory key <F4> when **F4 = ADVS** is highlighted on screen, displays next advisory in queue on advisory line.



DISPLAY

PROCEDURE

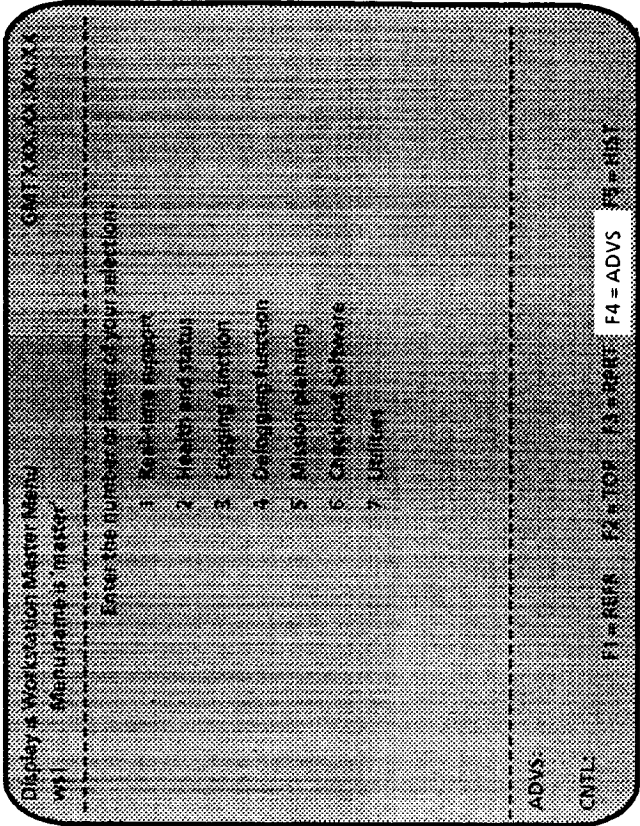
- (None)

DESCRIPTION

- ADVISORY KEY <F4> AND ADVISORY KEY INDICATOR (F4 = ADVS) (Cont.)

Indicator - when F4 = ADVS is highlighted on screen, an advisory is queued.

DISPLAY



PROCEDURE

- (None)

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DESCRIPTION

- ADVISORY KEY <F4> AND ADVISORY KEY INDICATOR (F4 = ADVS) (Cont.)

View - Pressing advisory key <F4> when F4 = ADVS is highlighted on screen, displays next advisory in queue.

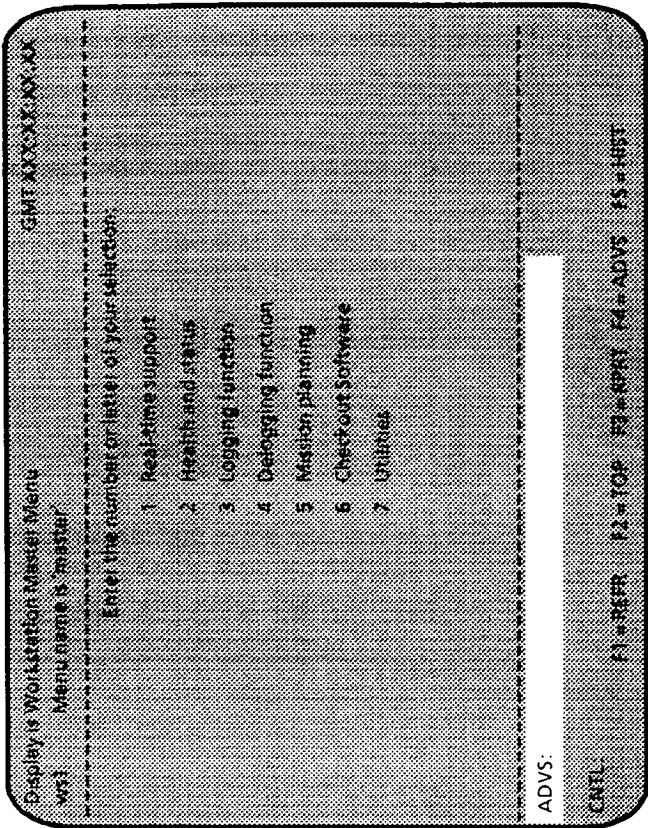
COMMENTS:

If F4 = ADVS remains lighted after pressing <F4> key, another advisory is queued. Urgent advisories displayed before nominal advisories. All advisories must be acknowledged by pressing advisory key <F4>. Pressing advisory key <F4> when unlighted, clears advisory line.

PROCEDURE

- To view advisory:
-- Press <F4>.

DISPLAY

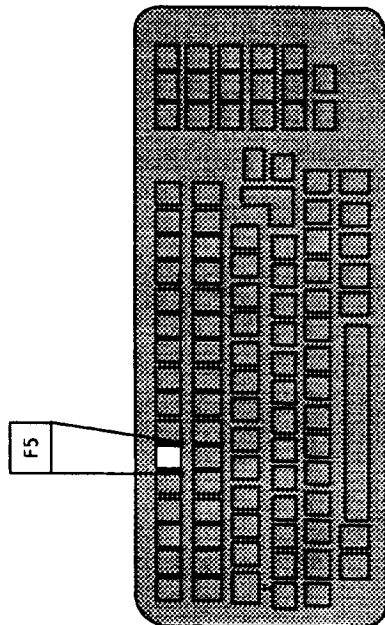


DESCRIPTION

- HISTORY KEY <F5>

Pressing <F5> displays a one-page command or advisory history.

DISPLAY



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PROCEDURE

- (None).

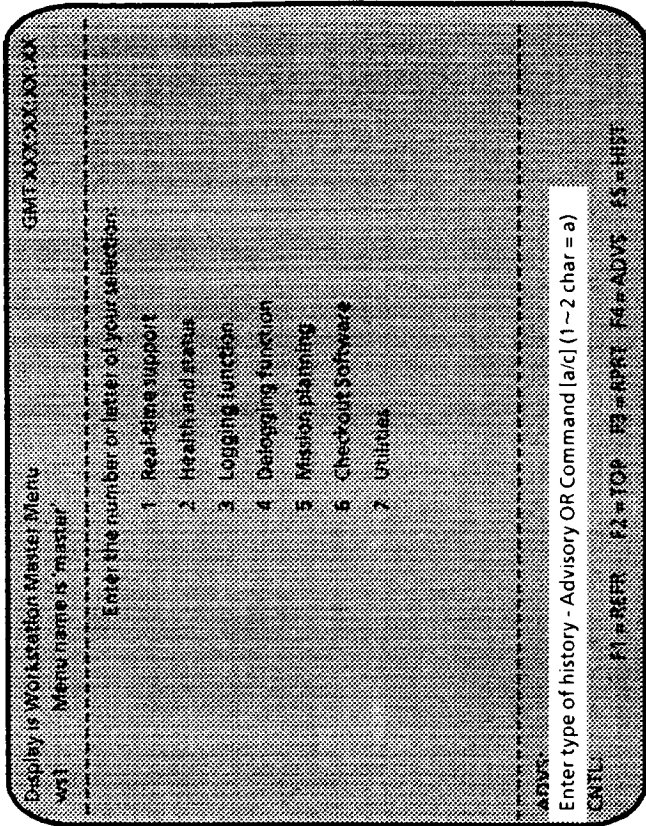
DESCRIPTION

DISPLAY

- HISTORY KEY <F5> (Cont.)

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PROCEDURE

- To view a command history:
 - Press <F5>.
 - Observe following prompt appears:
Enter type of history - Advisory OR Command [a/c] (1~2 char = a)
 - Type c.
 - Press <RETURN>.
- To view an advisory history:
 - Press <F5>.
 - Observe following prompt appears:
Enter type of history - Advisory OR Command [a/c] (1~2 char = a)
 - Type a.
 - Press <RETURN>.

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DESCRIPTION

- **ENTERING LOGOFF PROCEDURE**

Logoff clears user Identification.

COMMENTS:

After logging off, user must perform logon procedures before manipulating menu or entering commands.

DISPLAY

Display is Workstation Health and Status Menu
ws1 Menu name is 'hs'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Application Report
- 2 Interface Report
- 3 Log Report
- 4 Overall Report
- 5 Send Central Status and Control
- 6 Restart Health and Status
- 0 BACK to previous menu

ADVS:
Logoff accepted Enter next command
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- To log off:
 - Observe any user interface menu is displayed on screen.
 - Type logoff.
 - Press <RETURN>.
- Observe P/R line reads:
Logoff accepted. Enter next command

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CALLING UP UTILITIES PROCEDURE

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DESCRIPTION

- CALLING UP UTILITIES PROCEDURE

Calls up utilities menu from CAS workstation master menu.

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DISPLAY

Display is Workstation Master Menu

ws1 Menu name is 'master'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Real-time support

2 Health and status

3 Logging function

4 Delogging function

5 Mission planning

6 Checkout Software

7 Utilities

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To call up utilities menu from CAS workstation master menu:
 - Type Z.
 - Observe utilities menu appears.

DESCRIPTION

- **CALLING UP UTILITIES PROCEDURE**
(Cont.)

Calls up utilities menu from NDD workstation master menu.

DISPLAY

Display is Network Data Driver Master Menu		GMT XXX:XX:XX:XX
ndd1	Menu name is 'Nmaster'	

Enter the number or letter of your selection:		
1 Real time support 2 Health and status 3 Logging function 4 Delogging function 5 Checkout Software 6 Utilities		

ADVS:		
CNTL:		
		F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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- To call up utilities menu from NDD workstation master menu:
 --Type **6**.
 --Observe utilities menu appears.

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DESCRIPTION

- CALLING UP UTILITIES PROCEDURE (Cont.)

Utilities menu.

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DISPLAY

Display is Utilities Menu

ws1 Menu name is 'util'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Floppy disk utilities

2 Misc. User Interface Utilities

3 Network utilities

4 UNIX utilities

0 BACK to previous menu

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- (None).

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FLOPPY DISK UTILITIES PROCEDURES

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DESCRIPTION

● **FLOPPY DISK UTILITIES PROCEDURES**

Calls up floppy disk utilities menu from utilities menu.

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DISPLAY

Display is Utilities Menu
ws1

Menu name is 'util'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Floppy disk utilities
2 Misc User Interface Utilities
3 Network utilities
4 UNIX utilities
0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To call up floppy disk utilities menu from utilities menu:
 - Type 1.
 - Observe floppy disk utilities menu appears.

DESCRIPTION

- **FLOPPY DISK UTILITIES PROCEDURES**
(Cont.)

Floppy disk utilities menu lists floppy disk operations available to user.

DISPLAY

Display is Floppy Disk Utilities Menu ws1 Menu name is 'floppy'	GMT XXX:XX:XX:XX

Enter the number or letter of your selection:	
1 Append a file to the floppy disk [save existing files]	
2 Format a blank floppy disk [takes about TWO minutes]	
3 List the contents of a floppy disk	
4 Read a file from the floppy disk	
5 Write a file to the floppy disk [delete existing files]	
0 BACK to previous menu	

ADVS:	
CNTL:	F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- (None).

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APPEND FILE TO FLOPPY DISK PROCEDURE

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DESCRIPTION

- **APPEND FILE TO FLOPPY DISK
PROCEDURE**

Writes a file to floppy disk without
overwriting files that currently exist on
floppy disk.

DISPLAY

Display is Floppy Disk Utilities Menu
 wsl Menu name is 'floppy'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Append a file to the floppy disk [save existing files]
 2 Format a blank floppy disk [takes about TWO minutes]
 3 List the contents of a floppy disk
 4 Read a file from the floppy disk
 5 Write a file to the floppy disk [delete existing files]
 0 BACK to previous menu

ADVS:
 Enter name of file to append (1~72 chars =):
 CNTL flpappend

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To append a file:
 - Type 1.
 - Observe following prompt appears:
Enter name of file to append (1~72 chars =):
 - Type (file name).
 - Press <RETURN>.
- Or, to append a file:
 - Type flpa (file name).
 - Press <RETURN>.

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DESCRIPTION

- **FORMAT A BLANK FLOPPY DISK PROCEDURE**

Initializes a floppy disk to CAS format.

NOTE

Format procedure erases *entire contents of* floppy disk.

DISPLAY

Display is Floppy Disk Utilities Menu
ws1 Menu name is 'floppy'

Enter the number or letter of your selection:

1 Append a file to the floppy disk [save existing files]
2 Format a blank floppy disk [takes about TWO minutes]
3 List the contents of a floppy disk
4 Read a file from the floppy disk
5 Write a file to the floppy disk [delete existing files]
0 BACK to previous menu

ADV5:
CNTL: flpformat F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To format floppy disk:
 - Type 2.
 - Observe process takes approximately two minutes.
- Or, to format floppy disk:
 - Type flpf.
 - Press <RETURN>.
 - Observe process takes approximately two minutes.

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FORMAT A BLANK FLOPPY DISK PROCEDURE

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LIST CONTENTS OF FLOPPY DISK PROCEDURE

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DESCRIPTION

- LIST CONTENTS OF FLOPPY DISK
PROCEDURE

Displays list of files on a floppy disk.

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DISPLAY

Display is Floppy Disk Utilities Menu
ws1 Menu name is 'floppy'

GMT XXX:XX:XX.XX

Enter the number or letter of your selection:

1 Append a file to the floppy disk [save existing files]

2 Format a blank floppy disk [takes about TWO minutes]

3 List the contents of a floppy disk

4 Read a file from the floppy disk

5 Write a file to the floppy disk [delete existing files]

0 BACK to previous menu

ADVS:

CNTL: flplist F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To list contents of floppy disk:
--Type 3.
--Observe disk directory appears.
- Or, to list contents of floppy disk:
--Type flpl.
--Press <RETURN>.
--Observe disk directory appears.

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READ A FILE FROM FLOPPY DISK PROCEDURE

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DESCRIPTION

- READ A FILE FROM FLOPPY DISK
PROCEDURE

Displays contents of file stored on floppy disk.

DISPLAY

Display is Floppy Disk Utilities Menu

ws1

Menu name is 'floppy'

GMT XXX.XX:XX:XX

Enter the number or letter of your selection:

1 Append a file to the floppy disk [save existing files]

2 Format a blank floppy disk [takes about TWO minutes]

3 List the contents of a floppy disk

4 Read a file from the floppy disk

5 Write a file to the floppy disk [delete existing files]

0 BACK to previous menu

ADV5:

Enter name of file to read (1~72 chars =):

CNTL:flpr read

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To read a file:
 - Type 4.
 - Observe following prompt appears:
Enter name of file to read (1~72 chars =):

- Or, to read a file:
 - Type flpr (file name).
 - Press <RETURN>.

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WRITE A FILE TO FLOPPY DISK PROCEDURE

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DESCRIPTION

- WRITE A FILE TO FLOPPY DISK
PROCEDURE

Writes a file to floppy disk, overwriting
existing files.

NOTE

Write a file to floppy disk procedure overwrites
existing files.

DISPLAY

Display is Floppy Disk Utilities Menu

ws1 Menu name is 'floppy'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Append a file to the floppy disk [save existing files]

2 Format a blank floppy disk [takes about TWO minutes]

3 List the contents of a floppy disk

4 Read a file from the floppy disk

5 Write a file to the floppy disk [delete existing files]

0 BACK to previous menu

ADVS:

Enter name of file to write (1~72 chars =):

CNTL: flpwrite

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To write a file to floppy disk:
 - Type 5.
 - Observe following prompt appears:
Enter name of file to write (1~72 chars =):
- Or, to write a file to floppy disk:
 - Type flpw (file name).
 - Press <RETURN>.

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MISCELLANEOUS USER INTERFACE UTILITIES PROCEDURES

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DESCRIPTION

- MISC USER I/F UTILITIES PROCEDURES

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Calls up miscellaneous user interface utilities menu from utilities menu.

DISPLAY

Display is Utilities Menu

ws1 Menu name is 'util'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Floppy disk utilities

2 Misc. User Interface Utilities

3 Network utilities

4 UNIX utilities

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To call up miscellaneous user interface utilities menu from utilities menu:
 - Type 2.
 - Observe miscellaneous user interface utilities menu appears.

DESCRIPTION

- MISC USER I/F UTILITIES PROCEDURES
(Cont.)

Miscellaneous user interface utilities menu.

DISPLAY

Display is User Interface Utilities Menu		GMT XXX:XX:XX:XX
ws1	Menu name is 'uif'	

Enter the number or letter of your selection:		
1 Display the local TTY user's account		
2 Identify the remote TTY user's account		
3 Load an additional command set		
4 Perform commands in a batch file		
5 Restart the User Interface		
6 Show the local TTY security level		
7 Verify the remote TTY security level		
0 BACK to previous menu		

ADVS:		
CNTL:		
F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST		

PROCEDURE

- (None).

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DISPLAY LOCAL TTY USER ACCOUNT PROCEDURE

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DESCRIPTION

- DISPLAY LOCAL TTY USER ACCOUNT PROCEDURE

Displays account number of user on local VDT.

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DISPLAY

Display is User Interface Utilities Menu

ws1 Menu name is 'uif'

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Enter the number or letter of your selection:

1 Display the local TTY user's account

2 Identify the remote TTY user's account

3 Load an additional command set

4 Perform commands in a batch file

5 Restart the User Interface

6 Show the local TTY security level

7 Verify the remote TTY security level

0 BACK to previous menu

ADV5:

CNTL: user

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To display local user account:
 - Type 1.
 - Observe user account number appears.
- Or, to display local user account:
 - Type user.
 - Press <RETURN>.
 - Observe user account number appears.

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IDENTIFY REMOTE TTY USER ACCOUNT PROCEDURE

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DESCRIPTION

- IDENTIFY REMOTE TTY USER ACCOUNT PROCEDURE

Displays account number of user on remote VDT.

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DISPLAY

Display is User Interface Utilities Menu
ws1 Menu name is 'uif' GMT XXX.XX.XX.XX

- Enter the number or letter of your selection:
- 1 Display the local TTY user's account
 - 2 Identify the remote TTY user's account
 - 3 Load an additional command set
 - 4 Perform commands in a batch file
 - 5 Restart the User Interface
 - 6 Show the local TTY security level
 - 7 Verify the remote TTY security level
 - 0 BACK to previous menu

ADVS:

CNTL: rttyuser F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To display remote user account:
 - Type 2.
 - Observe user account number appears.
- Or, to display remote user account:
 - Type rttyu.
 - Press <RETURN>.
 - Observe user account number appears.

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LOAD ADDITIONAL COMMAND SET PROCEDURE

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DESCRIPTION

- LOAD ADDITIONAL COMMAND SET
PROCEDURE

Loads additional command set.

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DISPLAY

Display is User Interface Utilities Menu
ws1 Menu name is 'uif' GMT XXX:XX XX:XX

Enter the number or letter of your selection:

- 1 Display the local TTY user's account
- 2 Identify the remote TTY user's account
- 3 Load an additional command set
- 4 Perform commands in a batch file
- 5 Restart the User Interface
- 6 Show the local TTY security level
- 7 Verify the remote TTY security level
- 0 BACK to previous menu

ADVS:

Enter name of command set to load (1~72 chars =):

CNTL: ldcmds

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To load command set:
 - Type 3.
 - Observe following prompt appears:
Enter name of command set to load (1~72 chars =):
 - Type (command set name).
 - Press <RETURN>.

- Or, to load command set:
 - Type ldc (command set name).
 - Press <RETURN>.

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PERFORM COMMANDS IN BATCH FILE PROCEDURE

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DESCRIPTION

- PERFORM COMMANDS IN BATCH FILE PROCEDURE

Runs a user-generated batch file.

A batch file contains a list of commands in order in which commands are to be performed.

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DISPLAY

Display is User Interface Utilities Menu
 ws1 Menu name is 'uif' GMT XXX.XX.XX:XX

Enter the number or letter of your selection:

- 1 Display the local TTY user's account
- 2 Identify the remote TTY user's account
- 3 Load an additional command set
- 4 Perform commands in a batch file
- 5 Restart the User Interface
- 6 Show the local TTY security level
- 7 Verify the remote TTY security level
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ADVS:
 Enter name of batch file (1~72 chars =):
 CNTL: perform F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To run batch file:
 - Type 4.
 - Observe following prompt appears:
Enter name of batch file (1~72 chars =):
 - Type (file name).
 - Press <RETURN>.
- Or, to run a batch file:
 - Type per (file name).
 - Press <RETURN>.

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RESTART USER INTERFACE PROCEDURE

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DESCRIPTION

● RESTART USER INTERFACE PROCEDURE

Restarts user interface.

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DISPLAY

Display is User Interface Utilities Menu
ws1 Menu name is 'uif' GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

- 1 Display the local TTY user's account
- 2 Identify the remote TTY user's account
- 3 Load an additional command set
- 4 Perform commands in a batch file
- 5 Restart the User Interface
- 6 Show the local TTY security level
- 7 Verify the remote TTY security level
- 0 BACK to previous menu

ADVS:

Press <RETURN> to restart, <ESC> to ignore (0~2 chars =):

CNTL: uifrestart

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To restart user interface:

--Type 5.

--Observe following prompt appears:

Press <RETURN> to restart, <ESC> to ignore (0~2 chars =):

--Press <RETURN>.

- To ignore restart command:

--Press <ESC>.

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SHOW LOCAL TTY SECURITY LEVEL PROCEDURE

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DESCRIPTION

- SHOW LOCAL TTY SECURITY LEVEL PROCEDURE

Displays security level of user on local VDT.

DISPLAY

Display is User Interface Utilities Menu

ws1 Menu name is 'uif'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Display the local TTY user's account

2 Identify the remote TTY user's account

3 Load an additional command set

4 Perform commands in a batch file

5 Restart the User Interface

6 Show the local TTY security level

7 Verify the remote TTY security level

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ADVS:

CNTL: level

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To show local security level:
 - Type 6.
 - Observe local security level appears on screen.
- Or, to show local security level:
 - Type level.
 - Press <RETURN>.
 - Observe local security level appears on screen.

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VERIFY REMOTE TTY SECURITY LEVEL PROCEDURE

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DESCRIPTION

- VERIFY REMOTE TTY SECURITY LEVEL
PROCEDURE

Displays security level of user on remote
VDT.

DISPLAY

Display is User Interface Utilities Menu

ws1 Menu name is 'uif'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Display the local TTY user's account

2 Identify the remote TTY user's account

3 Load an additional command set

4 Perform commands in a batch file

5 Restart the User Interface

6 Show the local TTY security level

7 Verify the remote TTY security level

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ADV5:

CNTL: rttylevel

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To show remote security level:
 - Type Z.
 - Observe remote security level appears on screen.
- Or, to show remote security level:
 - Type rttyl.
 - Press <RETURN>.
 - Observe remote security level appears on screen.

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NETWORK UTILITIES PROCEDURES

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DESCRIPTION

● NETWORK UTILITIES PROCEDURES

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Calls up network utilities menu from utilities menu.

DISPLAY

Display is Utilities Menu

ws1 Menu name is 'util'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Floppy disk utilities

2 Misc. User Interface Utilities

3 Network utilities

4 UNIX utilities

0 BACK to previous menu

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To call up network utilities menu from utilities menu:
 - Type 3.
 - Observe network utilities menu appears.

DESCRIPTION

- NETWORK PROCEDURES (Cont.)
Network utilities menu.

DISPLAY

Display is Network Utilities Menu
ws1 Menu name is 'net'

Enter the number or letter of your selection:

1 Copy a file from another computer
2 Send a file to another computer
0 BACK to previous menu

GMT XXX:XX:XX:XX

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADV5 F5 = HIST

PROCEDURE

- (None).

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COPY FILE FROM ANOTHER COMPUTER PROCEDURE

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DESCRIPTION

- COPY FILE FROM ANOTHER COMPUTER
PROCEDURE

Copies files from a remote workstation.

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DISPLAY

Display is Network Utilities Menu

ws1 Menu name is 'net'

Enter the number or letter of your selection:

1 Copy a file from another computer

2 Send a file to another computer

0 BACK to previous menu

GMT XXX:XX:XX:XX:XX

ADVS:

Enter computer: /pathname/file name (1~72 chars =):

CNTL: rcopy F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To copy file from a remote workstation:
 - Type 1.
 - Observe following prompt appears:
Enter computer: /pathname/file name (1~72 chars =):
 - Type (computer)/(pathname)/(file name).
 - Press <RETURN>.
 - Observe following prompt appears:
Enter target pathname/file name on this computer (1~72 chars =):
 - Type (pathname)/(file name).
 - Press <RETURN>.

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SEND FILE TO ANOTHER COMPUTER PROCEDURE

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DESCRIPTION

- SEND FILE TO ANOTHER COMPUTER
PROCEDURE

Sends files to a remote workstation.

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DISPLAY

Display is Network Utilities Menu

ws1 Menu name is 'net'

Enter the number or letter of your selection:

1 Copy a file from another computer

2 Send a file to another computer

0 BACK to previous menu

ADVS:

Enter name of file to send (1~72 chars =):

CNTL. rsend F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

GMT XXX:XX:XX.XX

PROCEDURE

- To send a file:
 - Type 2.
 - Observe following prompt appears:

Enter name of file to send (1~72 chars =):
 - Type (file name).
 - Press <RETURN>.
- Observe following prompt appears:

Enter computer and file name [e.g. ws2:/cas/reports/SAMPLE]
(1~72 chars =):
- Type (computer)/(pathname)/(file name).
- Press <RETURN>.

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UNIX UTILITIES PROCEDURES

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DESCRIPTION

- UNIX UTILITIES PROCEDURES

Calls up UNIX utilities menu from utilities menu.

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DISPLAY

Display is Utilities Menu

ws1 Menu name is 'util'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Floppy disk utilities

2 Misc. User Interface Utilities

3 Network utilities

4 UNIX utilities

0 BACK to previous menu

ADV5:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To call up UNIX utilities menu from utilities menu:
 - Type 4.
 - Observe UNIX utilities menu appears.

DESCRIPTION

- UNIX UTILITIES PROCEDURES (Cont.)
UNIX utilities menu.

DISPLAY

Display is UNIX Utilities Menu
ws1 Menu name is 'unix'

Enter the number or letter of your selection:

1 Copy a file to another location

2 Delete a file from the disk

3 List the names of files in a directory

4 Move a file to another location

5 Print an entire file on the local printer

6 Rename a file on the disk

7 Selectively print part of a file on the local printer

8 View a file on the terminal

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ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- (None).

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COPY FILE TO ANOTHER LOCATION PROCEDURE

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DESCRIPTION

- COPY FILE TO ANOTHER LOCATION
PROCEDURE

Copies files to another file location.

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DISPLAY

Display is UNIX Utilities Menu
ws1 Menu name is 'unix'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Copy a file to another location

2 Delete a file from the disk

3 List the names of files in a directory

4 Move a file to another location

5 Print an entire file on the local printer

6 Rename a file on the disk

7 Selectively print part of a file on the local printer

8 View a file on the terminal

0 BACK to previous menu

ADVS:
Enter current file name (1~72 chars =):
CNTL: copy F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To copy file:
 - Type 1.
 - Observe following prompt appears:
Enter current file name (1~72 chars =):
 - Type (file name).
 - Press <RETURN>.

- Observe following prompt appears:
Enter new file name (1~72 chars = .):
 - Type (file name).
 - Press <RETURN>.

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DELETE A FILE FROM DISK PROCEDURE

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DESCRIPTION

- DELETE A FILE FROM DISK PROCEDURE

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Deletes a file from hard disk.

DISPLAY

Display is UNIX Utilities Menu

ws1 Menu name is 'unix'

GMT XXX:XX:XX.XX

Enter the number or letter of your selection:

1 Copy a file to another location

2 Delete a file from the disk

3 List the names of files in a directory

4 Move a file to another location

5 Print an entire file on the local printer

6 Rename a file on the disk

7 Selectively print part of a file on the local printer

8 View a file on the terminal

0 BACK to previous menu

ADVS:

Enter name of file to delete (1~72 chars = .):

CNTL: delete

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To delete a file:
 - Type 2.
 - Observe following prompt appears:

Enter name of file to delete (1~72 chars = .):

 - Type (file name).
 - Press <RETURN>.
- To ignore delete command:
 - Press <ESC>.
- To observe following prompt appears:

Press <RETURN> to delete, <ESC> to ignore (0~1 chars = .):

 - Press <RETURN>.
- To ignore delete command:
 - Press <ESC>.

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LIST FILES IN DIRECTORY PROCEDURE

DESCRIPTION

DISPLAY

- LIST FILES IN DIRECTORY PROCEDURE

Displays list of files under a specified directory.

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Display is UNIX Utilities Menu
ws1 Menu name is 'unix'

GM1 XXX:XX:XX:XX

Enter the number or letter of your selection:
1 Copy a file to another location
2 Delete a file from the disk
3 List the names of files in a directory
4 Move a file to another location
5 Print an entire file on the local printer
6 Rename a file on the disk
7 Selectively print part of a file on the local printer
8 View a file on the terminal
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ADVS.
Enter name of directory to list (1~72 chars =):
CNTL. directory F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To list files in a directory:
 - Type 3.
 - Observe following prompt appears:
Enter name of directory to list (1~72 chars =.):
 - Type (directory name).
 - Press <RETURN>.
 - Observe directory listing appears.
- Or, to list files in a directory:
 - Type dir (directory name).
 - Press <RETURN>.
 - Observe directory listing appears.

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MOVE FILE TO ANOTHER LOCATION PROCEDURE

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DESCRIPTION

- **MOVE FILE TO ANOTHER LOCATION
PROCEDURE**

Moves file to another location.

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DISPLAY

```

Display is UNIX Utilities Menu
ws1  Menu name is 'unix'
-----
Enter the number or letter of your selection:
1  Copy a file to another location
2  Delete a file from the disk
3  List the names of files in a directory
4  Move a file to another location
5  Print an entire file on the local printer
6  Rename a file on the disk
7  Selectively print part of a file on the local printer
8  View a file on the terminal
0  BACK to previous menu
-----
ADV5:
Enter current file name (1~72 chars = ):
CNTL: move      F1 = REFR  F2 = TOP  F3 = RPRT  F4 = ADVS  F5 = HIST
  
```

PROCEDURE

- To move file to another location:
 - Type 4.
 - Observe following prompt appears:
 - Enter current file name (1~72 chars =):
 - Type (file name).
 - Press <RETURN>.
- Or, to move file to another location:
 - Type move (current file name) (destination file name).
 - Press <RETURN>.

--Observe following prompt appears:

Enter destination file name (1~72 chars =.):

--Type (file name).

--Press <RETURN>.

- Or, to move file to another location:

--Type move (current file name) (destination file name).

--Press <RETURN>.

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PRINT ENTIRE FILE PROCEDURE

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- PRINT ENTIRE FILE PROCEDURE

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Sends an entire file to local printer for printing.

DISPLAY

Display is UNIX Utilities Menu
ws1 Menu name is 'unix'

Enter the number or letter of your selection:

1 Copy a file to another location
2 Delete a file from the disk
3 List the names of files in a directory
4 Move a file to another location
5 Print an entire file on the local printer
6 Rename a file on the disk
7 Selectively print part of a file on the local printer
8 View a file on the terminal
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ADV5:
Enter name of file to print (1~72 chars =):
CNTL: print F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To print entire file:
 - Type 5.
 - Observe following prompt appears:
Enter name of file to print (1~72 chars =):
 - Type (file name).
 - Press <RETURN>.

- Or, to print entire file:
 - Type print (file name).
 - Press <RETURN>.

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RENAME A FILE PROCEDURE

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- RENAME A FILE PROCEDURE

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Changes name of specified file on hard disk.

DISPLAY

GMT XXX:XX:XX:XX

Display is UNIX Utilities Menu
ws1 Menu name is 'unix'

Enter the number or letter of your selection:

- 1 Copy a file to another location
- 2 Delete a file from the disk
- 3 List the names of files in a directory
- 4 Move a file to another location
- 5 Print an entire file on the local printer
- 6 Rename a file on the disk
- 7 Selectively print part of a file on the local printer
- 8 View a file on the terminal
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ADVS:

Enter current file name (1~72 chars =):

CNTL: rename

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To rename file:
 - Type 6.
 - Observe following prompt appears:
Enter current file name (1~72 chars =):
 - Type (file name).
 - Press <RETURN>.
 - Or, to rename file:
 - Type .ren (current file name) (new file name).
 - Press <RETURN>.
- Observe following prompt appears:
Enter new file name (1~72 chars =):
 - Type (file name).
 - Press <RETURN>.
- Or, to rename file:
 - Type .ren (current file name) (new file name).
 - Press <RETURN>.

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PRINT PART OF A FILE PROCEDURE

DESCRIPTION

- PRINT PART OF A FILE PROCEDURE

Prints selected portion of file.

COMMENT:

File name of file to print must contain path name.

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DISPLAY

Display is UNIX Utilities Menu
ws1
Menu name is 'unix'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Copy a file to another location

2 Delete a file from the disk

3 List the names of files in a directory

4 Move a file to another location

5 Print an entire file on the local printer

6 Rename a file on the disk

7 Selectively print part of a file on the local printer

8 View a file on the terminal

0 BACK to previous menu

ADV5:
Enter name of file to print (1~72 chars =):
CNTL . spint

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To print part of a file:
 - Type Z.
 - Observe following prompt appears:

Enter name of file to print (1~72 chars =):

 - Type (file name).
 - Press <RETURN>.

- Observe following prompt appears:

Enter starting line number (1~5 chars =):

 - Type (starting line number).
 - Press <RETURN>.
- Observe following prompt appears:

Enter ending line number (1~5 chars =):

 - Type (ending line number).
 - Press <RETURN>.

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VIEW A FILE PROCEDURE

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DESCRIPTION

- VIEW A FILE PROCEDURE

Brings a selected file to screen.

COMMENT:

File name of file to view must contain path name.

DISPLAY

Display is UNIX Utilities Menu

ws1 Menu name is 'unix'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Copy a file to another location

2 Delete a file from the disk

3 List the names of files in a directory

4 Move a file to another location

5 Print an entire file on the local printer

6 Rename a file on the disk

7 Selectively print part of a file on the local printer

8 View a file on the terminal

0 BACK to previous menu

ADVS:

Enter name of file to view (0~72 chars =):

CNTL: view F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To view a file:
 - Type g.
 - Observe following prompt appears:

Enter name of file to view (0~72 chars =):

--Type (file name).

--Press <RETURN>.
 - Observe selected file appears on screen.
- Or, to view a file:
 - Type v (file name).
 - Press <RETURN>.
 - Observe selected file appears on screen.

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CALLING UP HEALTH AND STATUS PROCEDURE

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DESCRIPTION

- CALLING UP HEALTH AND STATUS
PROCEDURE

Calls up health and status menu.

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DISPLAY

Display is Workstation Master Menu
ws1 Menu name is 'master'

Enter the number or letter of your selection:
1 Real time support
2 Health and status
3 Logging function
4 Delogging function
5 Mission planning
6 Checkout Software
7 Utilities

ADVS:
CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST
GMT XXX:XX:XX:XX

PROCEDURE

- To call up health and status menu:
 - Type 2.
 - Observe health and status menu appears.

DESCRIPTION

- CALLING UP HEALTH AND STATUS PROCEDURE (Cont.)

Health and status menu lists reports available for checking status of CAS.

DISPLAY

Display is Workstation Health and Status Menu
ws1 Menu name is 'hs'

Enter the number or letter of your selection:

1 Application Report

2 Interface Report

3 Log Report

4 Overall Report

5 Send Central Status and Control

6 Restart Health and Status

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

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PROCEDURE

- (None)

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GENERAL REPORT PROCEDURES

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DESCRIPTION

- GENERAL REPORT PROCEDURES

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Calls up health and status reports.

DISPLAY

Display is Workstation Health and Status Menu

ws1 Menu name is 'hs'

Enter the number or letter of your selection:

1 Application Report

2 Interface Report

3 Log Report

4 Overall Report

5 Send Central Status and Control

6 Restart Health and Status

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To call up interface, log, or overall report:
 - Type (menu number of report).
 - Observe F3 = RPRT illuminates.
 - Press <F3>.
 - Observe selected report appears.

EXAMPLE:

- To call up interface report:
 - Type 2.
 - Observe F3 = RPRT illuminates.
 - Press <F3>.
 - Observe interface report appears.

PROCEDURE (Cont.)

- To call up application report:
 - Type 1.
 - Observe following prompt appears:
Enter APPLICATION (1~15 chars =):
 - Type (application name).
 - Press <RETURN>.
 - Observe F3 = RPRT illuminates.
 - Press <F3>.
 - Observe application report appears.

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DESCRIPTION

- GENERAL REPORT PROCEDURES (Cont.)

Health and data quality codes. Reports contain overall health codes and data quality codes to indicate health and status.

Tables on next page define data quality and health codes used in reports.

DISPLAY

Display is report 'cas/reports/APPLICATION_REPORT' GMT XXX:XX:XX:XX

ws1 Top line on screen is line 1

CAS ws1 APPLICATION SUMMARY REPORT

Application Name: Support	Overall health: GOOD
Startup Time : 063:20:41:51	Last Status Revd: 063:20:47:07
Flight ID: 81-E Data tag: RT	Data Quality: OK
Errors Reported: 3 Urgent	0 Nominal
Interfaces Reported	0 Failed
HS_MSG	Logging

ADV3:

ENTL

F1=REFR F2=TOP F3=APRT F4=ADV5 F5=HIST

PROCEDURE

- (None)

DATA QUALITY CODES	
CODE	DEFINITION
GOOD	All data values in data stream are well within accepted limits.
OK	Data values in data stream are within accepted limits.
MARGINAL	Data values in data stream are exceeding limits, but most data values are acceptable.
UNACCEPT- ABLE	Too many data values in data stream are exceeding limits.
LOS	Data stream paused due to normal loss of signal.

HEALTH CODES	
CODE	DEFINITION
GOOD	Health is good with no reported problems.
OK	Health is good with few reported problems.
MARGINAL	Able to function but there are problems with one or more applications.
TRANSITION	Initialization message sent to CSAC but first status message has not been received.
FAILURE	All applications have failed or status message was not received within timeout period.
UNKNOWN	Status message not received within timeout period and no response to request for status.

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APPLICATION REPORT

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DESCRIPTION

- APPLICATION REPORT

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Displays status of selected application.

DISPLAY

Display is report/cas/reports/APPLICATION_REPORT

ws1 Top line on screen is line 1

CAS ws1 APPLICATION SUMMARY REPORT

Application Name: Support Overall Health: GOOD

Startup Time : 063:20:41:51 Last Status Rcvd: 063:20:47:07

Flight ID: 61-E Data tag: RT Data Quality: OK

Errors Reported: 3 Urgent 0 Nominal

Interfaces Reported: HS_MSG Logging : Enabled

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL:

PROCEDURE

- To call up application report:
 - Type 1.
 - Observe following prompt appears:
Enter APPLICATION (1~15 chars =):
 - Type (application name).
 - Press <RETURN>.

- Observe F3 = RPRT illuminates.
- Press <F3>.
- Observe application report appears.

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INTERFACE REPORT

**CHAPTER 4
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DESCRIPTION

● **INTERFACE REPORT**

Displays status of interface applications.

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PROCEDURES
- SECTION 6
HEALTH AND STAT
PROCEDURES**

DISPLAY

Display is report '/cas/reports/INTERFACE_REPORT'

ndd1 Top line on screen is line 1

CAS ndd1 INTERFACE SUMMARY REPORT

Application Name: Support Overall Health: GOOD

HS_MSG Logging : Enabled

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

ADVS:

CNTL:

PROCEDURE

- To call up interface report:
 - Type 2.
 - Observe F3 = RPRT illuminates.
 - Press <F3>.
 - Observe interface report appears.

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LOG REPORT

Figure 1

DESCRIPTION

- LOG REPORT

Displays whether logging of data for an application/process is enabled or disabled.

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DISPLAY

Display is report '/cas/reports/LOGGING_REPORT'

ndd1 Top line on screen is line 1

CAS ndd1 LOGGING SUMMARY REPORT

Application Name: Support Overall Health: GOOD

HS_MSG Logging : Enabled

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To call up log report:
 - Type 3.
 - Observe F3 = RPRT illuminates.
 - Press <F3>.
 - Observe log report appears.

REMOVED
EXEMPTED
EXEMPTED
EXEMPTED

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OVERALL REPORT

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DESCRIPTION

● OVERALL REPORT

Displays overall health and status of CAS workstation or NDD.

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PROCEDURES

PROCEDURE

- To call up overall report:
 - Type 4.
 - Observe F3 = RPRT illuminates.
 - Press <F3>.
 - Observe overall report appears.

DISPLAY

Display is report /cas/reports/OVERALL_REPORT
ws1 Top line on screen is line 1

CAS ws1 OVERALL SUMMARY REPORT

Overall Health:	GOOD	Number of Active Applications: 1		
System: Load Averages	5-Min 0.00	10-Min 0.00	15-Min 0.00	
Disk Summary	Total: 0	Free: 0	Per Cent Full: 0.00	
support	Overall Health: GOOD	No. of Active Processes: 5		
	Flt 1 Data Quality: OK	Flt 2 Data Quality: OK		
	Startup Time: 063:20:41:51	Last Status Rcvd: 063:20:47:37		

ADV5: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL:

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PROCESS REPORT

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DESCRIPTION

● PROCESS REPORT

Displays health and status of active processes within an application.

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DISPLAY

Display is report '/cas/reports/PROCESS_REPORT'

ws1 Top line on screen is line 1

CAS ws1 PROCESS SUMMARY REPORT

Appl. Name: support

Overall Health: GOOD

Start Time: 056:15:02:10

Processes	Health	Last Msg. Time	Response Interval
supervisor	GOOD	056:15:02:12	900
health_stat	GOOD	056:15:02:25	0
lan_if	GOOD	056:15:04:27	300
gen_logger	GOOD	056:15:02:13	86400
user_if	GOOD	056:15:04:20	600

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To call up process report:
 - Type
 - Observe F3 = RPRT illuminates.
 - Press <F3>.
 - Observe process report appears.

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SENDING CSAC MESSAGES PROCEDURE

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CHAPTER 4
GENERAL
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DESCRIPTION

- SENDING CSAC MESSAGES PROCEDURE

Sends health and status message to CSAC.

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PROCEDURE

- To send health and status message to CSAC:
--Type 5.

DISPLAY

Display is Workstation Health and Status Menu GMT XXX:XX:XX:XX

ws1 Menu name is 'hs'

Enter the number or letter of your selection:

- 1 Application Report
- 2 Interface Report
- 3 Log Report
- 4 Overall Report
- 5 Send Central Status and Control
- 6 Restart Health and Status
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL: -----

REVISIONS
 1.000000
 1.000000

REVISIONS

REVISIONS

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RESTARTING HEALTH AND STATUS PROCEDURE

RESTARTING HEALTH AND STATUS PROCEDURE

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DESCRIPTION

- **RESTARTING HEALTH AND STATUS PROCEDURE**

Resets health and status table of processes.

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DISPLAY

Display is Workstation Health and Status Menu

ws1 Menu name is 'hs'

GMT XXX:XX:XX:XX

Enter the number or letter of your selection:

1 Application Report

2 Interface Report

3 Log Report

4 Overall Report

5 Send Central Status and Control

6 Restart Health and Status

0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To restart health and status:
--Type 6.

1-100

1-100

- To suspend and resume

PROCEDURES

PROCEDURE 1 SUSPENDING AND RESUMING	PROCEDURE 2 SUSPENDING AND RESUMING	PROCEDURE 3 SUSPENDING AND RESUMING	PROCEDURE 4 SUSPENDING AND RESUMING	PROCEDURE 5 SUSPENDING AND RESUMING	PROCEDURE 6 SUSPENDING AND RESUMING
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PAUSE AND RESUME PROCEDURES

PROCEDURES

PROCEDURES

- SUSPENDING AND RESUMING

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DESCRIPTION

- ## ● PAUSE HEALTH AND STATUS PROCEDURE

**Temporarily stops health and status process.
No messages are processed to screen during a
payse.**

SECTION 6 HEALTH AND STAT PROCEDURES

PROCEDURE

- To pause health and status:
 - Type pau.
 - Press <RETURN>.

DISPLAY

ws1	Display is Workstation Health and Status Menu	GMT XXX.XX.XX.XX
Menu name is 'hs'		
Enter the number or letter of your selection:		
1	Application Report	
2	Interface Report	
3	Log Report	
4	Overall Report	
5	Send Central Status and Control	
6	Restart Health and Status	
0	BACK to previous menu	
<div> <div>ADVS:</div> <div>CNTL:</div> </div>		

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DESCRIPTION

- **RESUME HEALTH AND STATUS PROCEDURE**

Starts health and status process after a pause command was issued.

DISPLAY

Display is Workstation Health and Status Menu GMT XXX:XX:XX:XX

ws1 Menu name is 'hs'

Enter the number or letter of your selection:

- 1 Application Report
- 2 Interface Report
- 3 Log Report
- 4 Overall Report
- 5 Send Central Status and Control
- 6 Restart Health and Status
- 0 BACK to previous menu

ADVS: F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

CNTL: F6 = LOG F7 = LOG F8 = LOG F9 = LOG F10 = LOG

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**SECTION 6
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PROCEDURE

- To resume health and status:

--Type hresu and press ENTER to begin the process.

--Press <RETURN>.

1. LOGON

• 1/1/2000 11:11:11 AM 21/1/02

1. LOGON

1/1/2000 11:11:11 AM

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ENABLE AND DISABLE MUTE PROCEDURES

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DESCRIPTION

- ENABLE MUTE PROCEDURE

Enables mute.

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PROCEDURE

- To enable mute:
- Type muten.
- Press <RETURN>.

DISPLAY

Display is Workstation Health and Status Menu
ws1 Menu name is 'hs'

Enter the number or letter of your selection:

- 1 Application Report
- 2 Interface Report
- 3 Log Report
- 4 Overall Report
- 5 Send Central Status and Control
- 6 Restart Health and Status
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

DESCRIPTION

- **DISABLE MUTE PROCEDURE**

Disables mute.

WORKSTATION

DISPLAY

Display is Workstation Health and Status Menu

ws1 Menu name is 'hs'

000 GMPXXXXX:XX:XX

Enter the number or letter of your selection:

- 1 Application Report
- 2 Interface Report
- 3 Log Report
- 4 Overall Report
- 5 Send Central Status and Control
- 6 Restart Health and Status
- 0 BACK to previous menu

ADVS:

CNTL:

F1 = REFR F2 = TOP F3 = RPRT F4 = ADVS F5 = HIST

PROCEDURE

- To disable mute:
 - Type mutdis.
 - Press <RETURN>.

REPHARD
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2000 CHAPTER 4
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WORKSTATION

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WORKSTATION

WORKSTATION

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